



**Technical Memorandum**

**Ambient Air Quality Survey  
in the Vicinity of  
Great Lakes Forest Products Limited  
Dryden, Ontario**

**July, 1985**

**ARB-223-85-AQM**

**Prepared for:**

**Northwestern Region  
Ontario Ministry of the Environment**

**Prepared by:**

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Air Resources Branch  
January, 1986**

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APPENDIX

ARB-223-85-AQ&M

Daily Statistics	- Common Contaminants
	- GC samples
Merged Data Sets	



**Tabular Print-Outs of the One-Half Hour Average  
Pollutant Concentrations**

As Acquired by MAMu #1 on a Continuous Basis during the  
Dryden GLFPL Ambient Air Survey of July, 1985

The following statistical print-outs are one-half hour average ground level concentrations, reported every 5 minutes and are the pollutant concentrations, in parts per million (ppm), as monitored at the sites and time periods as listed in Tables 1a and 1b.

The pollutants presented are carbon monoxide (CO), total hydrocarbons (THC), carbonylsulphide and carbon disulphide ( $C_xS_x$ ), total reduced sulphur (TRS), non-methane hydrocarbons (Non- $CH_4$ ), methane (Methane), oxides of nitrogen ( $NO_x$ ), nitrogen dioxide ( $NO_2$ ), nitrogen monoxide (NO) and ozone (Ozone).

The meteorological parameters are treated in the same statistical manner and are also included in these print-outs. The specific units appear on the last page of the print-outs and all of these instruments were mounted in MAMu #1.

Upon examining the specific averages, a few notations will become evident - these are:

"-" Invalid data / not Calculated ..refers to data that has been edited out of the data set due to instrument malfunction, the instrument not set up in the approved acquisition mode, missing data (eg. calibrations, time loss due to power loss, etc.) or data that was not deemed to be indicative of the true environment at the particular monitoring site (e.g vehicular exhaust, etc). All of this data was considered invalid and does not appear in any of the calculations.

"nd" Average is less than the minimal detectable limit for the particular analyzer. This is valid data and the average was then set to 1/2 the minimal detectable level and used in the calculations. For each pollutant, each of the minimal detectable levels are noted on the last page of the print-outs.

Since one-half hour average glc concentrations are presented, 90% of valid data readings must be present in order for an average to be valid. In other words, since the scan time is 60 seconds, only 3 scan values can be omitted from the calculations of the 30-minute average concentration.

### **Gas Chromatographic Results**

Dual-capillary column analysis was performed for each air sample on a Hewlett Packard 5880A Gas Chromatograph equipped with a Trace Organic Preconcentrator. For the gas chromatograph (GC), a computer library containing approximately 120 organic compounds was utilized to identify many of the hydrocarbons recorded by the CG.

Each day, a calibration mixture of hydrocarbons was injected into the gas chromatograph. The retention times for these organic compounds were used as references from which retention indices of unknown peaks in the chromatograms of the air samples were calculated.

For each analysis, a computer program calculated the retention index for each peak in both chromatograms and a comparison was made with the library values. An Identification Report was printed for each column. If the retention index for a peak, as eluted on a specific column, fell within a retention index window specified for a library entry, the organic compound was identified and the calculated amount was printed in the Identification Report. A final Confirmation Report, resulting from the merging of the analysis from the two chromatograms, was printed giving the name of each compound identified on both chromatograms and the best value for the amount of each compound.

The analytical results are summarized in table form for all the air samples analyzed during this survey. The study name, date acquired and sampling times for each analysis are listed across the top of the table. If the compound was detected on both columns for a given analysis, then the amount for that compound is stated (the units are micrograms per cubic meter- $\mu\text{g}/\text{m}^3$ ). No amount value is stated for a compound if that compound was found only on one column or if it was not detected on either column. A further summary of each analysis is given at the bottom of the table for the particular time period sampled. The more important of these summary entries are the total hydrocarbon loadings ( $\mu\text{g}/\text{m}^3$ ), a summary breakdown of the total into nine subgroups, the total number of peaks identified and the percentage of the total area credited to the identified peaks. Certain ratioed amounts of specific organic compounds are also presented and these ratioed amounts will be used for future studies as to source delineations.

NAME#1

.....

101

METHYLCYCLOHEXANE	.2		1600000	2000000
2,5-DIMETHYLHEXANE	.5			
4-METHYLCYCLOHEXENE	.3			
1-CHLOROPENTANE	.4			
1,1,2-TRICHLOROETHANE	1.1			
TOLUENE	.2	2000 (1)	375000	560000
1,3-DICHLOROPROPANE	.7		350000	510000
2-METHYLHEPTANE	.2			
1,2-DIBROMOETHANE	2.1			
1-OCTENE	.4	150000 (3)		
TRANS1,2DIMETHYLCYCLOHEXANE	.3			
TRANS-4-OCTENE	.3			
TETRACHLOROETHYLENE	.9		335000	1340000
OCTANE	.3		1450000	1800000
2-METHYL-1-HEPTENE	.3			
2-OCTENE	.6			
CIS-1,2-DIMETHYLCYCLOHEXANE	.3			
CHLOROBENZENE	.4		350000	
PROPYLCYCLOPENTANE	.3			
ETHYLCYCLOHEXANE	.2			
1-CHLOROHXANE	.5			
ETHYLBENZENE	.3	4000 (1)	435000	545000
M-XYLENE+P-XYLENE	.3	2300 (4)	435000	655000
STYRENE	.8	400 (1)	215000	425000
1,4-DICHLOROBUTANE	.3			
O-XYLENE	.3	2300 (4)	435000	655000
1,1,2,2-TETRACHLOROETHANE	2.6			
1,2,3-TRICHLOROPROPANE	1.3		300000	450000
1-NONENE	.7			
NONANE	.3		1050000	1300000
ISOPROPYLBENZENE	.3	100 (3)		
2-CHLOROTOLUENE	.5			
3-CHLOROTOLUENE	.5			
N-PROPYLBENZENE	.4			
4-CHLOROTOLUENE	.5			
3-ETHYLTOLUENE	.3			
4-ETHYLTOLUENE	.3			
1,3,5-TRIMETHYLBENZENE	.4		125000	170000
2-ETHYLTOLUENE	.3			
T-BUTYLBENZENE	.3			
1,2,4-TRIMETHYLBENZENE	.4	100 (1)	125000	170000
1,3-DICHLOROBENZENE	.8			
1-DECENE	1.3	180000 (3)		
4-CHLOROTOLUENE	4.3			
1,5-DICHLOROPENTANE	.3			
DECANE	.5			
SEC. BUTYLBENZENE	.2			
3-(CHLOROMETHYL)-HEPTANE	.3			
1,2,3-TRIMETHYLBENZENE	.4		125000	175000
1-ISOPROPYL-4-METHYLBENZENE	.5			
1,2-DICHLOROBENZENE	.3			300000
INDAN	.5			
N-BUTYLCYCLOHEXANE	.4			
1,3-DIETHYLBENZENE	.4			
1,4-DIETHYLBENZENE	.5			
N-BUTYLBENZENE	.3			
1,2-DIETHYLBENZENE	.5			
DECALIN	.3			
UNDECANE	.8			
1,2,3,5-TETRAMETHYLBENZENE	.6			
DIISOPROPYLBENZENE	.8			
1,2,3,4-TETRAMETHYLBENZENE	.8			
TETRALIN	.6			
DODECANE	1.3			

- Notes: (1) Standard  
(2) Guideline  
(3) Provisional Guideline  
(4) Provisional Guideline for sum of o-, m-, & p-xylene

TLVs - Threshold Limit Values - American Conference of Governmental Industrial Hygienists

TWA - Time Weighted Average for a normal 8-hour workday and a 40-hour workweek, to which nearly all workers may be repeatedly exposed without adverse effect

STEL - Short Term Exposure Limit - concentration to which workers can be exposed for a short period of time (15 minutes) without adverse effect

C - Ceiling - concentration that should not be exceeded even instantaneously

DRYDEN\_85 : A061

Start: 85/07/06 14:42 Scan: 300 sec  
 Average: 30.00 min Report: 15.00 min  
 Loc: Background run at MNR bldg...1st run of survey

Time	CO Temp	TRS Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
14:42-15:12	.4 28.7	nd 1012.3	1.44 18.	.35 184.	1.09	nd	nd	nd	nd	-
14:57-15:27	.4 28.3	.003 1012.0	1.40 20.	.35 189.	1.04	nd	nd	nd	nd	-
15:12-15:42	.4 28.5	.007 1012.0	1.37 17.	.34 173.	1.02	nd	nd	nd	nd	-
15:27-15:57	.5 28.7	.008 1012.0	1.38 16.	.37 155.	1.01	nd	nd	nd	.004	-
15:42-16:12	.5 29.4	.009 1011.7	1.39 16.	.40 145.	.99	nd	nd	nd	.005	-
15:57-16:27	.5 29.1	.011 1011.2	1.42 15.	.44 145.	.98	nd	nd	nd	.006	-
16:12-16:42	.5 28.2	.011 1011.0	1.41 14.	.43 148.	.97	nd	nd	nd	.004	-
16:27-16:57	.6 27.6	.011 1010.9	1.37 14.	.40 143.	.97	nd	nd	nd	nd	-
16:42-17:12	.6 27.4	.010 1010.4	1.36 14.	.39 141.	.97	nd	nd	nd	nd	-
16:57-17:27	.5 26.9	.009 1010.0	1.36 14.	.38 148.	.98	nd	nd	nd	nd	-
17:12-17:42	.5 26.2	.008 1009.8	1.36 14.	.37 147.	.98	nd	nd	nd	nd	-
17:27-17:57	.5 25.8	.007 1009.3	1.37 15.	.39 149.	.98	nd	nd	nd	nd	-
17:42-18:12	.5 25.7	.006 1009.0	1.36 18.	.38 153.	.98	nd	nd	nd	nd	-
17:57-18:27	.4 26.1	.006 1009.0	1.34 18.	.37 151.	.97	nd	nd	nd	nd	-
18:12-18:42	.4 27.2	.007 1009.0	1.32 18.	.35 145.	.96	nd	nd	nd	nd	-
18:27-18:57	.5 27.4	.007 1008.9	1.32 18.	.37 138.	.94	nd	nd	nd	nd	-

Time	CO Temp	TRS Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
18:42-19:12	.5 26.9	.008 1008.8	1.33 17.	.40 132.	.93	nd	nd	nd	nd	-
18:57-19:27	.5 26.7	.008 1008.4	1.32 17.	.39 131.	.93	nd	nd	nd	nd	-
19:12-19:42	.5 26.4	.008 1008.1	1.32 16.	.39 128.	.92	nd	nd	nd	nd	-
19:27-19:57	.5 25.8	.008 1008.1	1.32 15.	.40 123.	.92	nd	nd	nd	nd	-
19:42-20:12	.6 25.5	.008 1008.0	1.35 12.	.43 125.	.92	nd	nd	nd	nd	-
19:57-20:27	.7 25.1	.008 1008.0	1.36 10.	.43 125.	.92	nd	nd	nd	nd	-
20:12-20:42	.6 24.5	.006 1008.0	1.35 9.	.41 121.	.93	nd	nd	nd	nd	-
20:27-20:57	.6 23.6	.005 1008.0	1.34 9.	.40 107.	.93	nd	nd	nd	nd	-
20:42-21:12	.5 23.0	.004 1008.0	1.31 10.	.38 96.	.93	nd	nd	nd	nd	-
20:57-21:27	.4 22.5	.002 1008.0	1.31 11.	.36 96.	.94	nd	nd	nd	nd	-
21:12-21:42	.4 22.2	nd 1008.0	1.31 14.	.36 100.	.95	nd	nd	nd	nd	-
21:27-21:57	.4 22.0	nd 1008.0	1.32 16.	.36 105.	.96	nd	nd	nd	nd	-
21:42-22:12	.3 21.9	nd 1008.0	1.31 18.	.35 110.	.96	nd	nd	nd	nd	-
21:57-22:27	.3 21.8	nd 1008.0	1.32 20.	.35 118.	.97	nd	nd	nd	nd	-
22:12-22:42	.3 21.7	nd 1008.0	1.31 22.	.33 124.	.98	nd	nd	nd	nd	-
22:27-22:57	.2 21.5	nd 1008.0	1.29 23.	.30 127.	.99	nd	nd	nd	nd	-
22:42-23:12	.2 21.5	nd 1008.0	1.29 23.	.29 129.	.99	nd	nd	nd	nd	-



Time	CO Temp	TRS Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
22:57-23:27	.2 21.4	nd 1008.0	1.30 22.	.30 133.	1.00	nd	nd	nd	nd	-
23:12-23:42	.2 21.3	nd 1008.0	1.30 23.	.30 132.	1.00	nd	nd	nd	nd	-
23:27-23:57	.2 21.2	nd 1008.0	1.31 24.	.31 130.	1.00	nd	nd	nd	nd	-
23:42-00:12	.2 21.0	nd 1008.0	1.30 25.	.30 132.	1.00	nd	nd	nd	nd	-
23:57-00:27	.1 20.8	nd 1008.0	1.29 28.	.29 133.	1.01	nd	nd	nd	nd	-
00:12-00:42	.1 20.5	nd 1008.0	1.29 27.	.28 136.	1.01	nd	nd	nd	nd	-
00:27-00:57	.1 20.1	nd 1008.0	1.28 26.	.27 134.	1.01	nd	nd	nd	nd	-
00:42-01:12	nd 19.7	nd 1008.0	1.28 26.	.27 128.	1.01	nd	nd	nd	nd	-
00:57-01:27	nd 19.2	nd 1008.0	1.28 29.	.27 124.	1.00	nd	nd	nd	nd	-
01:12-01:42	nd 18.8	nd 1008.0	1.29 31.	.28 129.	1.01	nd	nd	nd	nd	-
01:27-01:57	nd 18.7	nd 1008.1	1.30 29.	.28 137.	1.02	nd	nd	nd	nd	-
01:42-02:12	nd 18.7	nd 1008.5	1.30 25.	.26 140.	1.03	nd	nd	nd	nd	-
01:57-02:27	nd 18.7	nd 1009.0	1.30 19.	.26 132.	1.03	nd	nd	nd	nd	-
02:12-02:42	nd 18.5	nd 1009.0	1.30 19.	.27 131.	1.04	nd	nd	nd	nd	-
02:27-02:57	nd 18.2	nd 1009.0	1.30 24.	.26 132.	1.04	nd	nd	nd	nd	-
02:42-03:12	nd 17.9	nd 1009.0	1.29 26.	.25 131.	1.04	nd	nd	nd	.004	-
02:57-03:27	nd 17.7	nd 1009.0	1.29 25.	.25 134.	1.05	nd	nd	nd	.005	-

Time	CD Temp	TRS Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
03:12-03:42	nd 17.4	nd 1009.0	1.29 26.	.24 134.	1.05	nd	nd	nd	.005	-
03:27-03:57	nd 17.2	nd 1009.0	1.30 30.	.24 142.	1.06	nd	nd	nd	.005	-
03:42-04:12	nd 17.1	nd 1009.1	1.31 33.	.23 146.	1.07	nd	nd	nd	.006	-
03:57-04:27	nd 17.0	nd 1009.5	1.30 32.	.24 146.	1.06	nd	nd	nd	.005	-
04:12-04:42	nd 16.9	nd 1009.8	1.28 26.	.24 149.	1.04	nd	nd	nd	.004	-
04:27-04:57	nd 16.8	nd 1009.8	1.28 22.	.24 151.	1.04	nd	nd	nd	.005	-
04:42-05:12	nd 16.8	nd 1009.9	1.32 21.	.26 153.	1.06	nd	nd	nd	.006	-
04:57-05:27	nd 16.8	nd 1010.0	1.31 21.	.26 153.	1.05	nd	nd	nd	.004	-
05:12-05:42	nd 17.0	nd 1010.0	1.26 20.	.23 151.	1.03	nd	nd	nd	.004	-
05:27-05:57	nd 17.1	nd 1010.0	1.27 18.	.23 152.	1.03	nd	nd	nd	.006	-
05:42-06:12	nd 17.3	nd 1010.0	1.31 15.	.26 155.	1.05	nd	nd	nd	.006	-
05:57-06:27	nd 18.0	nd 1010.0	1.30 15.	.26 152.	1.04	nd	nd	nd	.005	-
06:12-06:42	nd 18.6	nd 1010.0	1.26 16.	.24 150.	1.02	nd	nd	nd	.005	-
06:27-06:57	nd 19.2	nd 1010.0	1.27 13.	.25 150.	1.02	nd	nd	nd	.005	-
06:42-07:12	nd 19.9	nd 1010.0	1.30 9.	.25 149.	1.05	nd	nd	nd	.005	-
06:57-07:27	nd 20.9	nd 1010.1	1.32 9.	.26 149.	1.06	nd	nd	nd	.005	-
07:12-07:42	nd 21.6	nd 1010.1	1.31 10.	.27 146.	1.05	nd	nd	nd	.006	-

Time	CO Temp	TRS Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
07:27-07:57	nd 22.1	nd 1010.5	1.31 9.	.27 146.	1.04	nd	nd	nd	.005	-
07:42-08:12	nd 22.2	nd 1011.0	1.29 10.	.26 160.	1.03	nd	nd	nd	.006	-

Statistics	CO Temp	TRS Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
Units	ppm d C	ppm mbar-msl	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	ppm	W/cm^2
Arith. Mean	.26 22.2	.0033 1009.2	1.319 -	.316 -	1.001	.005	.005	.005	.003	-
Std. Dev.	.21 4.0	.0034 1.3	.045 -	.066 -	.046	.002	.001	.000	.002	-
Geo. Mean	.16 -	.0020 -	1.319 -	.309 -	1.000	.005	.005	.005	.003	-
Geo.Std.Dev	2.85 -	2.6288 -	1.034 -	1.229 -	1.048	1.172	1.066	1.056	1.617	-
Min Reading	.05 16.8	.0010 1008.0	1.232 6.0	.216 91.6	.913	.005	.005	.005	.002	-
Max Reading	.02 30.1	.0124 1012.8	1.510 35.8	.514 202.0	1.150	.021	.013	.011	.007	-
Min Average	.05 16.8	.0010 1008.0	1.264 8.7	.231 96.4	.915	.005	.005	.005	.002	-
Max Average	.67 29.4	.0108 1012.3	1.441 32.9	.438 189.5	1.093	.008	.006	.006	.006	-
# Valid Rdgs	210. 210.	210. 210.	210. 210.	210. 210.	210.	210.	210.	210.	210.	0.

- Invalid Data / Not Calculated

nd Average is less than Min. Detectable Level

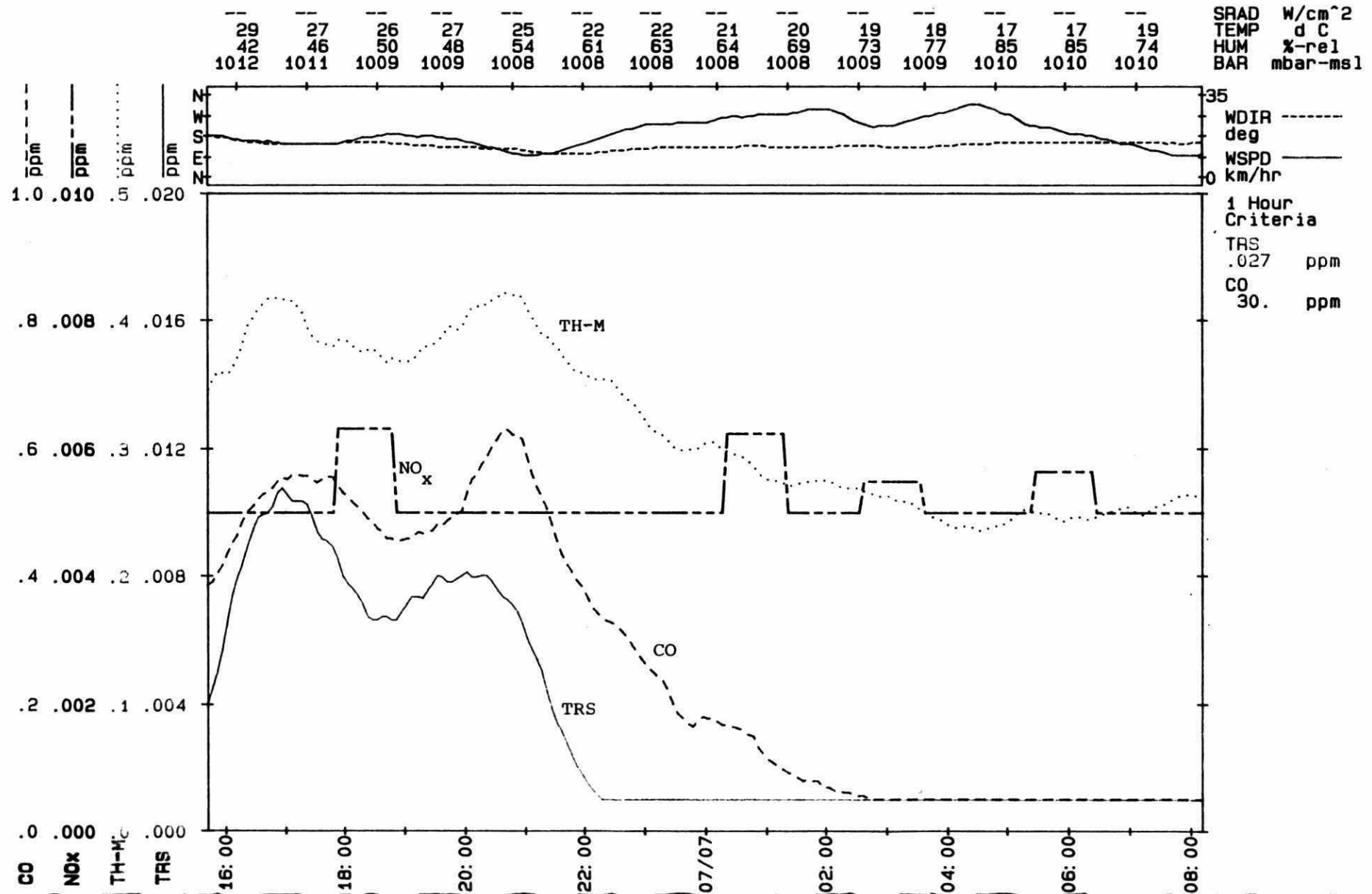
m One or more readings Missing

Percent Valid Data Required for Valid Average: 90.0 %

Averaging Started at Nearest: .0 min

# DRYDEN\_85: A061

Start: 85/07/06 14:42 Scan: 300 sec. Ave: 60.00 min.  
 Loc: Background run at MNR bldg...1st run of survey



DRYDEN\_85 : A072

Start: 85/07/07 10:12 Scan: 60 sec  
 Average: 30.00 min Report: 10.00 min  
 Loc: Johnston Park ..northwest Dryden

Time	CO Temp	TRS Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
0:12-10:42	.9 25.5	.006 1007.6	1.45 4.	.17 172.	1.27	nd	nd	nd	.008	.064
0:22-10:52	.6 26.1	.006 1007.6	1.43 6.	.16 194.	1.26	nd	nd	nd	.009	.064
0:32-11:02	.5 26.0	.008 1007.5	1.43 7.	.16 186.	1.26	nd	nd	nd	.010	.065
0:42-11:12	.6 25.8	.006 1007.4	1.42 6.	.14 165.	1.27	nd	nd	nd	.009	.065
10:52-11:22	.7 25.4	.005 1007.2	1.45 6.	.17 135.	1.28	nd	nd	nd	.009	.067
11:02-11:32	.7 25.7	.005 1007.1	1.46 6.	.17 118.	1.28	nd	nd	nd	.009	.068
11:12-11:42	.8 26.1	.005 1007.0	1.56 6.	.27 111.	1.29	.01	nd	nd	.009	.072
11:22-11:52	.7 26.5	.006 1006.9	1.55 6.	.26 117.	1.28	.01	nd	nd	.009	.070
1:32-12:02	.7 26.8	.006 1006.8	1.51 5.	.22 134.	1.27	nd	nd	nd	.010	.070
1:42-12:12	.6 27.3	.007 1006.6	1.39 5.	.11 154.	1.26	nd	nd	nd	.010	.071

Statistics	CO Temp	TRS Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
Units	ppm d C	ppm mbar-msl	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	ppm	W/cm^2
Arith. Mean	.71 26.2	.0060 1007.1	1.453 -	.173 -	1.271	.008	.006	.006	.009	.0679
Std. Dev.	.58 1.1	.0029 .4	.167 -	.167 -	.016	.007	.002	.004	.002	.0072
Geo. Mean	.63 -	.0054 -	1.445 -	.129 -	1.271	.007	.005	.006	.009	-
Geo.Std.Dev	1.47 -	1.5481 -	1.104 -	2.095 -	1.013	1.784	1.260	1.449	1.203	-
Min Reading	.46 23.5	.0010 1006.4	1.316 .0	.050 36.9	1.239	.005	.005	.005	.005	.0435
Max Reading	5.74 28.8	.0206 1007.7	2.606 15.5	1.329 326.2	1.302	.037	.015	.026	.013	.0826
Min Average	.54 25.4	.0048 1006.6	1.386 4.3	.108 110.5	1.260	.005	.005	.005	.008	.0640
Max Average	.89 27.3	.0076 1007.6	1.562 6.6	.275 194.4	1.285	.011	.007	.007	.010	.0716
# Valid Rds	120. 120.	120. 120.	120. 120.	120. 120.	120.	120.	120.	120.	120.	120.

- Invalid Data / Not Calculated

nd Average is less than Min. Detectable Level

m One or more readings Missing

Percent Valid Data Required for Valid Average: 90.0 %

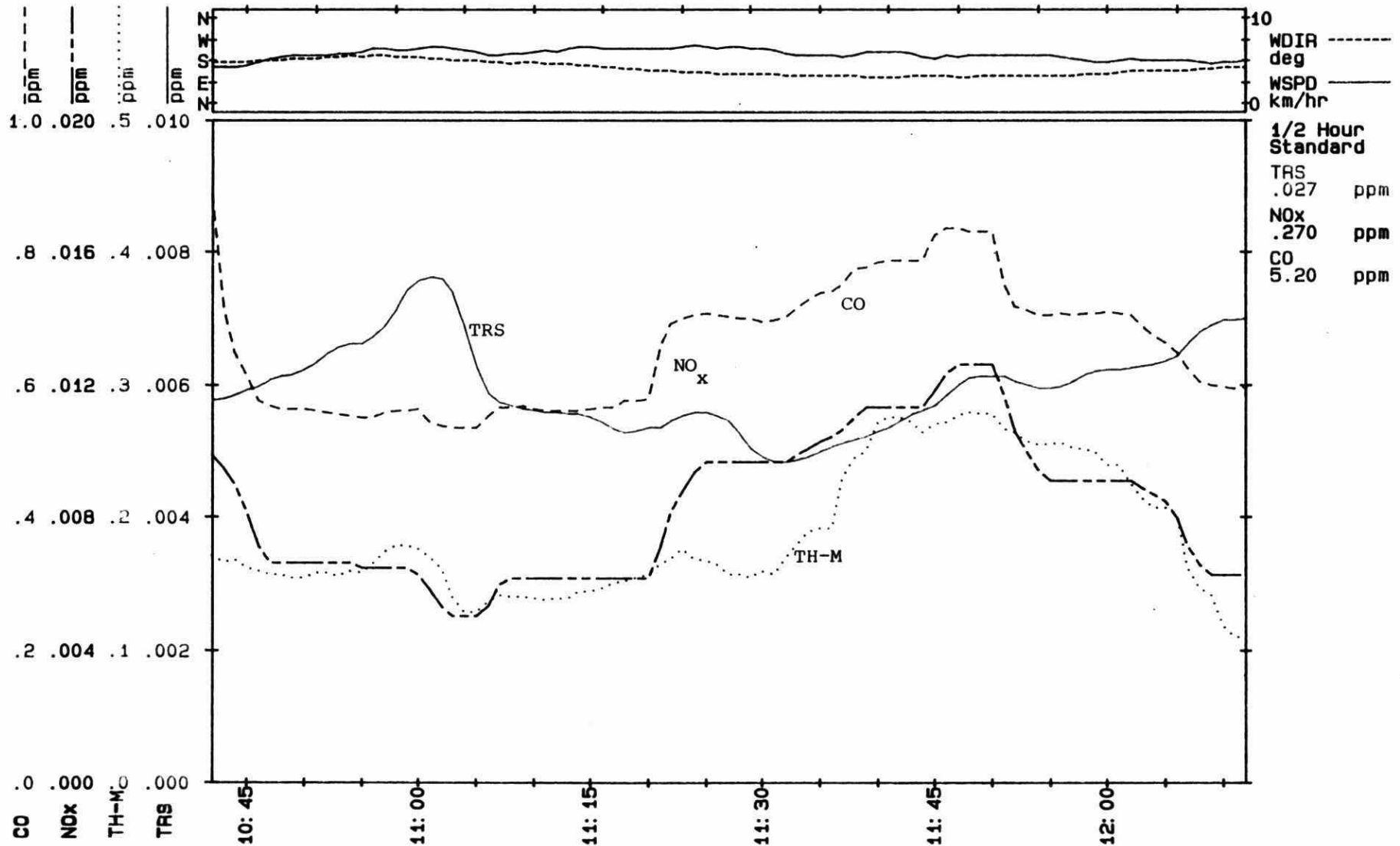
Averaging Started at Nearest: .0 min

# DRYDEN\_85: A072

Start: 85/07/07 10:12 Scan: 60 sec. Ave: 30.00 min.  
Loc: Johnston Park ..northwest Dryden

.065	.064	.064	.065	.067	.066	.067	.069	.068	.070	.070	.069	.069	.071
26	26	26	26	26	26	25	26	26	26	26	26	27	27
54	54	53	54	54	55	55	54	54	53	53	53	52	52
1008	1008	1008	1007	1007	1007	1007	1007	1007	1007	1007	1007	1007	1007

SRAD	W/cm^2
TEMP	d C
HUM	%-rel
BAR	mbar-msl





DRYDEN\_85 : A073

Start: 85/07/07 12:28 Scan: 60 sec  
 Average: 30.00 min Report: 10.00 min  
 Loc: Johnston Road in front of Smith's residence

Time	CO Temp	TRS Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
12:28-12:58	.6 26.9	nd 1008.5	1.33 9.	nd 164.	1.26	nd	nd	nd	.010	.077
12:38-13:08	.6 26.8	nd 1008.4	1.34 11.	nd 171.	1.27	nd	nd	nd	.011	.079
12:48-13:18	.7 27.3	.003 1008.3	1.36 9.	nd 151.	1.27	nd	nd	nd	.011	.079
12:58-13:28	.7 27.4	.003 1008.2	1.35 9.	nd 129.	1.26	nd	nd	nd	.011	.079
13:08-13:38	.8 27.8	.005 1008.1	1.33 10.	nd 115.	1.25	nd	nd	nd	.011	.080
13:18-13:48	.7 28.2	.006 1007.9	1.31 10.	nd 118.	1.23	nd	nd	nd	.010	.080
13:28-13:58	.7 28.9	.007 1007.7	1.30 10.	nd 127.	1.23	nd	nd	nd	.010	.079
13:38-14:08	.8 29.1	.009 1007.6	1.32 8.	nd 130.	1.22	nd	nd	nd	.011	.079

Statistics	CO Temp	TRS Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
Units	ppm d C	ppm mbar-msl	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	ppm	W/cm^2
Arith. Mean	.69 27.8	.0049 1008.1	1.332 -	.071 -	1.245	.006	.006	.005	.011	.0786
Std. Dev.	.27 1.0	.0046 .4	.059 -	.055 -	.024	.005	.002	.002	.001	.0037
Geo. Mean	.66 -	.0030 -	1.331 -	.062 -	1.245	.006	.005	.005	.011	-
Geo. Std. Dev	1.32 -	2.8009 -	1.043 -	1.574 -	1.020	1.489	1.273	1.253	1.103	-
Min Reading	.39 25.8	.0010 1007.3	1.263 .0	.050 67.9	1.193	.005	.005	.005	.008	.0610
Max Reading	2.18 29.8	.0185 1008.8	1.708 18.6	.469 261.6	1.299	.037	.016	.022	.013	.0823
Min Average	.55 26.9	.0012 1007.6	1.299 7.0	.056 114.7	1.222	.005	.005	.005	.010	.0768
Max Average	.78 29.1	.0089 1008.5	1.365 10.7	.081 171.0	1.274	.009	.006	.006	.011	.0797
Valid Rdgs	101. 101.	101. 101.	101. 101.	101. 101.	101.	101.	101.	101.	101.	101.

- Invalid Data / Not Calculated

nd Average is less than Min. Detectable Level

m One or more readings Missing

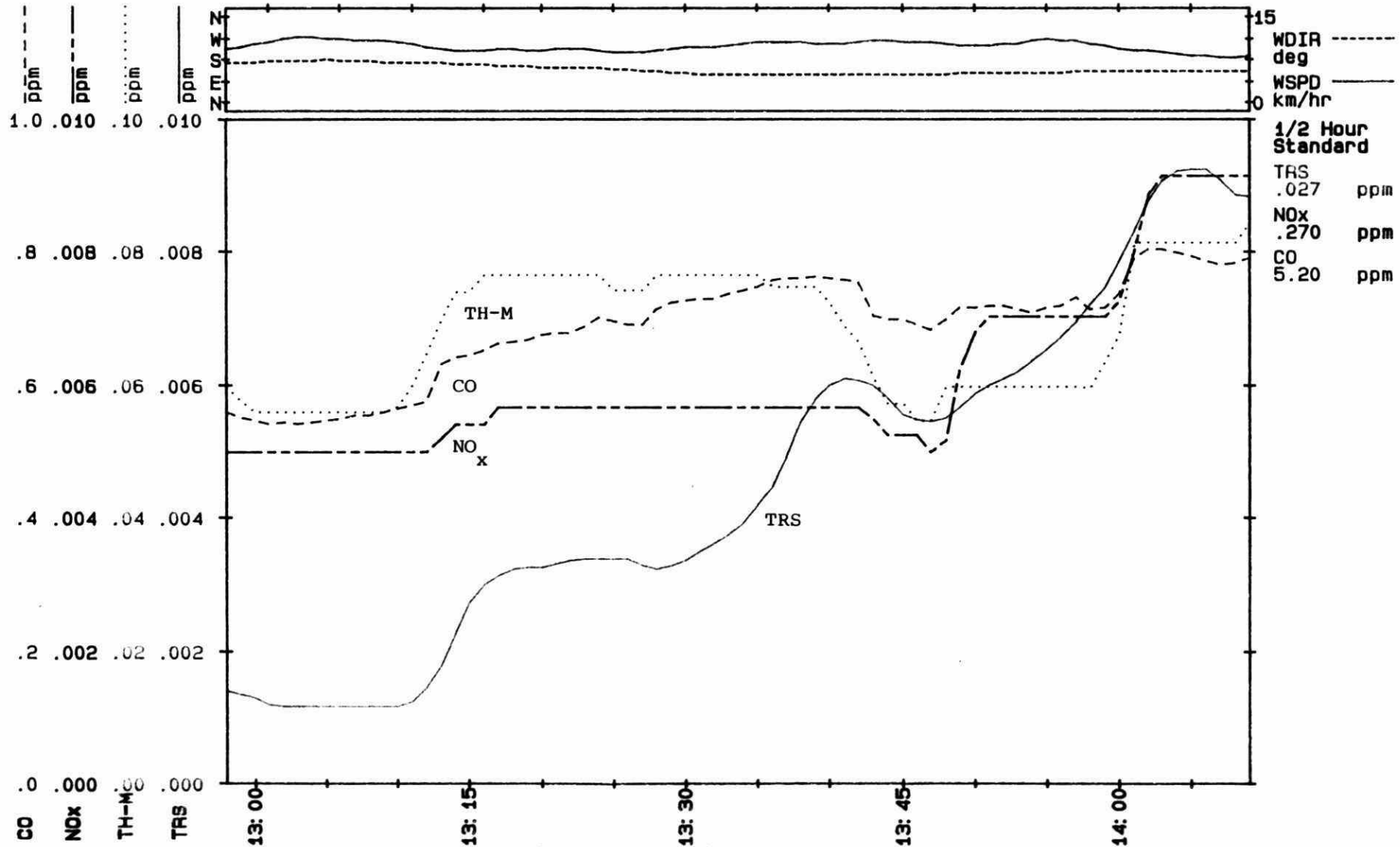
Percent Valid Data Required for Valid Average: 90.0 %

Averaging Started at Nearest: .0 min

# DRYDEN\_85: A073

Start: 85/07/07 12:28 Scan: 60 sec. Ave: 30.00 min.  
 Loc: Johnston Road in front of Smith's residence

														SRAD	W/cm^2
														TEMP	d C
														HUM	%-rel
														BAR	mbar-msl
.078	.080	.079	.079	.079	.079	.079	.079	.080	.080	.080	.079	.079	.079		
27	27	27	27	27	27	27	28	28	28	28	29	29	29		
52	52	51	51	51	50	50	50	49	48	48	48	47	46		
1009	1008	1008	1008	1008	1008	1008	1008	1008	1008	1008	1008	1008	1008		



Start: 85/07/07 14:52 Scan: 300 sec  
 Average: 30.00 min Report: 15.00 min  
 Loc: Overnight & upwind at MNR building

Line	CO	TRS	THC	Non-CH4	Methane	NOx	NO2	NO	Ozone	SolarRad
Temp	Barom	Wind-Spd	Wind-Dir							
4:52-15:22	-	-	1.35	.21	1.14	nd	nd	nd	.011	.072
	31.8	1007.5	10.	141.						
5:07-15:37	-	-	1.33	.19	1.14	nd	nd	nd	.012	.069
	31.4	1007.1	11.	141.						
5:22-15:52	-	-	1.36	.23	1.13	nd	nd	nd	.012	.067
	31.2	1007.0	9.	151.						
5:37-16:07	-	-	1.39	.27	1.12	nd	nd	nd	.013	.065
	31.2	1006.7	7.	176.						
5:52-16:22	-	-	1.41	.30	1.11	nd	nd	nd	.013	.062
	30.3	1006.3	9.	201.						
6:07-16:37	-	-	1.47	.36	1.10	nd	nd	nd	.013	.058
	29.4	1006.0	10.	205.						
6:22-16:52	-	-	1.52	.41	1.10	nd	nd	nd	.013	.054
	29.6	1005.8	9.	189.						
6:37-17:07	-	-	1.53	.42	1.10	nd	nd	nd	.012	.052
	29.6	1005.3	9.	188.						
6:52-17:22	-	-	1.53	.43	1.10	nd	nd	nd	.011	.050
	29.7	1005.0	8.	199.						
7:07-17:37	-	-	1.52	.42	1.10	nd	nd	nd	.011	.046
	29.6	1004.5	9.	199.						
7:22-17:52	-	-	1.68	.58	1.10	nd	nd	nd	.011	.043
	29.4	1004.0	11.	191.						
7:37-18:07	-	-	1.75	.64	1.10	nd	nd	nd	.011	.039
	29.2	1004.0	9.	191.						
7:52-18:22	-	-	1.59	.48	1.10	nd	nd	nd	.011	.036
	28.9	1003.9	10.	208.						
8:07-18:37	-	-	1.54	.43	1.11	nd	nd	nd	.011	.029
	28.8	1003.6	11.	230.						
8:22-18:52	-	-	1.50	.38	1.11	nd	nd	nd	.010	.017
	28.3	1003.7	11.	262.						
8:37-19:07	-	-	1.47	.35	1.12	nd	nd	nd	.010	.008
	27.5	1003.6	11.	278.						

Time	CO Temp	TRS Barom	THC Wind-Sod	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
18:52-19:22	- 27.1	- 1003.1	1.59 6.	.45 254.	1.14	.01	.01	nd	.009	.004
19:07-19:37	- 27.2	- 1003.0	1.62 2.	.46 172.	1.15	.01	.01	nd	.008	.004
19:22-19:52	- 25.9	- 1003.0	1.51 4.	.34 71.	1.16	nd	nd	nd	.006	.003
19:37-20:07	- 22.7	- 1003.2	1.47 11.	.30 12.	1.17	nd	.01	nd	.004	.001
19:52-20:22	- 20.1	- 1003.2	1.53 8.	.34 296.	1.18	.01	.01	nd	nd	.001
20:07-20:37	- 19.5	- 1003.0	1.51 15.	.31 206.	1.20	.01	.01	nd	.005	.001
20:22-20:52	- 19.8	- 1002.9	1.43 13.	.24 181.	1.19	.01	.01	nd	.004	.002
20:37-21:07	- 20.4	- 1002.8	1.43 14.	.23 183.	1.20	.01	.01	nd	nd	.002
20:52-21:22	- 20.8	- 1002.8	1.42 15.	.21 180.	1.21	nd	nd	nd	.005	.002
21:07-21:37	- 21.1	- 1003.0	1.48 8.	.25 180.	1.23	nd	nd	nd	.006	.000
21:22-21:52	- 21.1	- 1003.0	1.46 4.	.21 104.	1.24	nd	nd	nd	.006	.000
21:37-22:07	- 20.7	- 1003.0	1.39 12.	.13 18.	1.26	nd	nd	nd	.006	.000
21:52-22:22	- 20.1	- 1004.8	1.40 14.	.13 345.	1.26	nd	nd	nd	.007	.000
22:07-22:37	- 19.6	- 1005.0	1.40 6.	.14 342.	1.27	nd	nd	nd	.008	.000
22:22-22:52	- 19.4	- 1005.2	1.40 3.	.13 20.	1.27	nd	nd	nd	.007	.000
22:37-23:07	- 19.3	- 1005.7	1.44 0.	.15 87.	1.28	nd	nd	nd	.006	.000
22:52-23:22	- 19.4	- 1006.2	1.55 0.	.25 32.	1.31	.01	.01	nd	nd	.000

Time	CO Temp	TRS Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
23:07-23:37	- 19.2	- 1006.7	1.58 0.	.23 54.	1.35	.01	.01	nd	nd	.000
23:22-23:52	- 19.7	- 1007.0	1.50 4.	.14 285.	1.35	nd	nd	nd	nd	.000
23:37-00:07	- 18.4	- 1007.5	1.46 9.	.13 285.	1.34	nd	nd	nd	nd	.000
23:52-00:22	- 18.4	- 1008.0	1.46 11.	.12 289.	1.34	nd	nd	nd	nd	.000
00:07-00:37	- 18.3	- 1008.1	1.47 10.	.12 299.	1.35	nd	nd	nd	nd	.000
00:22-00:52	- 18.0	- 1008.5	1.48 9.	.13 306.	1.36	nd	nd	nd	nd	.000
00:37-01:07	- 17.6	- 1009.0	1.48 10.	.12 306.	1.36	nd	nd	nd	nd	.000
00:52-01:22	- 17.3	- 1009.3	1.45 9.	nd 307.	1.36	nd	nd	nd	nd	.000
01:07-01:37	- 16.9	- 1009.8	1.43 5.	nd 308.	1.33	nd	nd	nd	nd	.000
01:22-01:52	- 16.5	- 1010.0	1.41 6.	nd 293.	1.31	nd	nd	nd	nd	.000
01:37-02:07	- 16.2	- 1010.3	1.41 6.	nd 291.	1.31	nd	nd	nd	nd	.000
01:52-02:22	- 15.7	- 1010.8	1.41 5.	nd 298.	1.31	nd	nd	nd	.004	.000
02:07-02:37	- 15.2	- 1011.0	1.39 8.	nd 295.	1.30	nd	nd	nd	.006	.000
02:22-02:52	- 14.8	- 1011.1	1.40 10.	nd 293.	1.31	nd	nd	nd	.007	.000
02:37-03:07	- 14.6	- 1011.5	1.41 10.	nd 290.	1.31	nd	nd	nd	.007	.000
02:52-03:22	- 14.5	- 1011.9	1.42 9.	.10 286.	1.31	nd	nd	nd	.007	.000
03:07-03:37	- 14.4	- 1012.0	1.43 7.	.11 283.	1.32	nd	nd	nd	.005	.000

Time	CO Temp	TRS Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
03:22-03:52	- 14.3	- 1012.0	1.44 4.	.12 285.	1.33	nd	nd	nd	nd	.000
03:37-04:07	- 14.1	- 1012.5	1.46 3.	.12 286.	1.33	nd	nd	nd	.005	.000
03:52-04:22	- 14.0	- 1012.9	1.47 6.	.13 281.	1.34	nd	nd	nd	.007	.000
04:07-04:37	- 13.8	- 1013.0	1.47 9.	.13 282.	1.34	nd	nd	nd	.007	.000
04:22-04:52	- 13.5	- 1013.3	1.45 9.	.12 281.	1.33	nd	nd	nd	.005	.000
04:37-05:07	- 13.4	- 1013.7	1.46 10.	.13 276.	1.33	nd	nd	nd	nd	.000
04:52-05:22	- 13.5	- 1014.0	1.48 11.	.14 276.	1.34	nd	nd	nd	nd	.000
05:07-05:37	- 13.4	- 1014.1	1.50 10.	.14 282.	1.36	nd	nd	nd	nd	.000
05:22-05:52	- 13.6	- 1014.6	1.49 8.	.14 287.	1.35	nd	nd	nd	nd	.002
05:37-06:07	- 14.5	- 1015.0	1.45 7.	.11 290.	1.34	nd	nd	nd	.004	.004
05:52-06:22	- 15.4	- 1015.0	1.46 5.	nd 293.	1.34	nd	nd	nd	nd	.007
06:07-06:37	- 15.8	- 1015.0	1.46 3.	nd 295.	1.35	nd	nd	nd	nd	.009
06:22-06:52	- 16.0	- 1015.0	1.45 3.	nd 296.	1.36	nd	nd	nd	nd	.012
06:37-07:07	- 17.0	- 1015.4	1.45 4.	nd 299.	1.36	nd	nd	nd	nd	.015
06:52-07:22	- 18.3	- 1015.8	1.47 5.	.10 303.	1.35	nd	nd	nd	nd	.019
07:07-07:37	- 19.0	- 1016.0	1.50 5.	.15 309.	1.35	nd	nd	nd	nd	.024
07:22-07:52	- 19.4	- 1016.0	1.48 6.	.14 312.	1.35	nd	nd	nd	.005	.028

Time	CO Temp	TRS Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
7:37-08:07	- 20.0	- 1016.0	1.50 6.	.16 306.	1.34	nd	nd	nd	.006	.031



Statistics	CO Temp	TRS Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
Units	ppm d C	ppm mbar-msl	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	ppm	W/cm <sup>2</sup>
Arith. Mean	- 20.7	- 1000.5	1.470 -	.210 -	1.256	.006	.006	.005	.006	.0146
Std. Dev.	- 5.9	- 4.5	.097 -	.150 -	.099	.004	.003	.000	.004	.0224
Geo. Mean	- -	- -	1.467 -	.169 -	1.252	.006	.006	.005	.005	-
Geo.Std.Dev	- -	- -	1.063 -	1.939 -	1.084	1.414	1.403	1.000	1.943	-
Min Reading	- 13.2	- 1002.3	1.285 .0	.050 5.8	1.091	.005	.005	.005	.002	.0000
Max Reading	- 32.2	- 1016.4	2.020 26.8	.903 344.3	1.458	.032	.027	.005	.014	.0747
Min Average	- 13.4	- 1002.8	1.330 .0	.050 12.1	1.097	.005	.005	.005	.002	.0000
Max Average	- 31.8	- 1016.0	1.746 15.2	.641 345.0	1.362	.012	.012	.005	.013	.0723
# Valid Rdgs	0. 209.	0. 209.	209. 209.	209. 209.	209.	209.	209.	209.	209.	209.

- Invalid Data / Not Calculated

nd Average is less than Min. Detectable Level

m One or more readings Missing

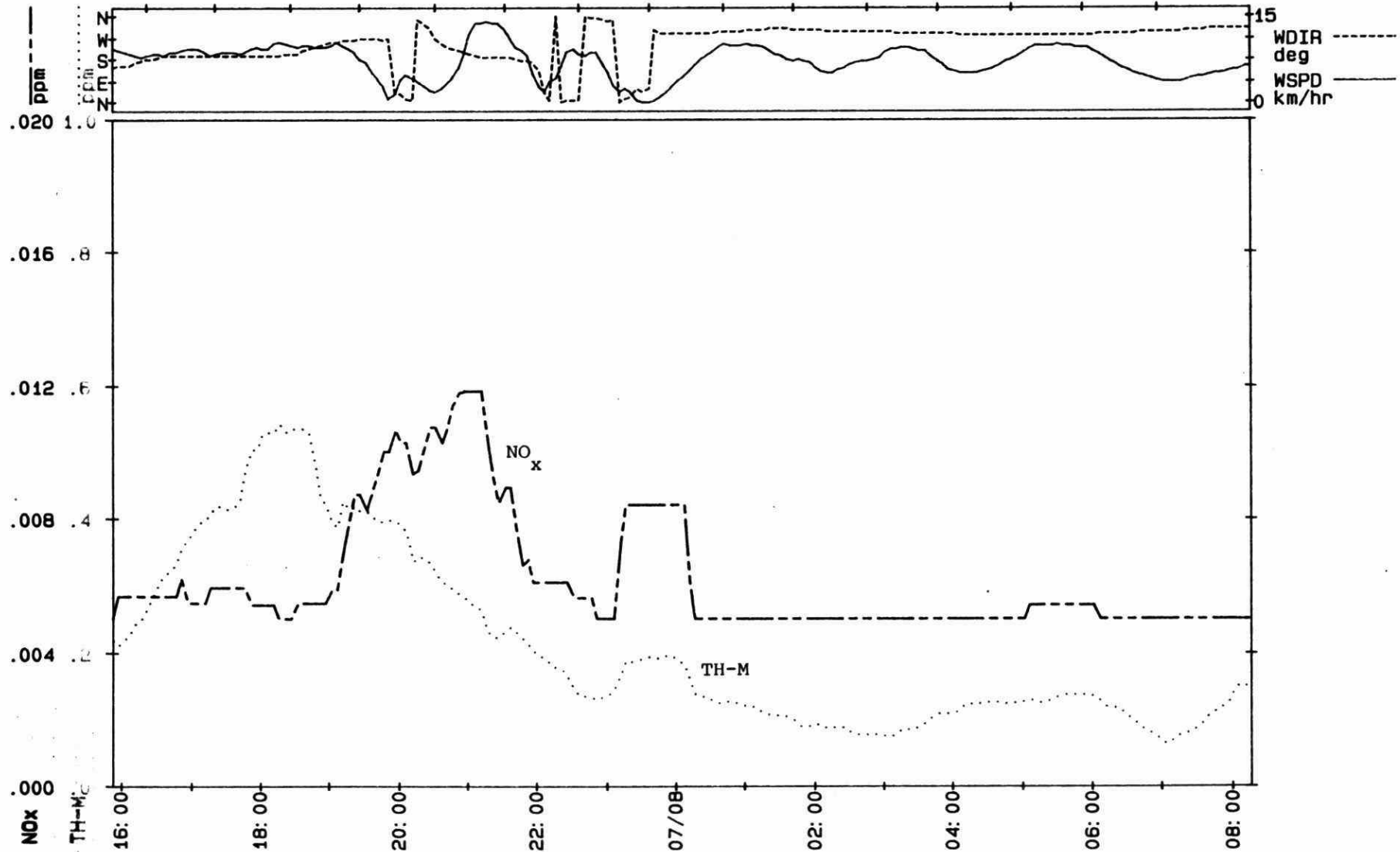
Percent Valid Data Required for Valid Average: 90.0 %

Averaging Started at Nearest: .0 min

# DRYDEN\_85: A074

Start: 85/07/07 14:52 Scan: 300 sec. Ave: 60.00 min.  
 Loc: Overnight & upwind at MNR building

															SRAD	W/cm <sup>2</sup>
															TEMP	d C
															HUM	%-rel
															BAR	mbar-msl
.064	.052	.038	.008	.002	.002	.000	.000	.000	.000	.000	.000	.000	.001	.010		
31	30	29	28	22	21	20	19	18	17	15	14	14	14	16		
42	44	46	51	79	82	82	90	92	99	—	—	—	—	—		
1007	1005	1004	1003	1003	1003	1004	1006	1008	1009	1011	1012	1013	1014	1015		



DRYDEN SURVEY-85

MONITORING PERIOD	A072	A072	A072	A073	A073	A073	A074	MANU#1 JUL7/85
TIME	1022-1052	1102-1132	1137-1207	1225-1255	1300-1330	1335-1405	1436-1506	
PROPANE								
PROPADIENE								
PROPYNE								
CHLOROMETHANE								
CYCLOPROPANE							0.42	
2-METHYLPROPANE							16.69	
CHLOROETHENE								
1-BUTENE								
1,3-BUTADIENE								
BUTANE	10.59	16.93	12.61	2.92	2.95	3.34	10.87	
1-BUTYNE								
CHLOROETHANE								
3-METHYL-1-BUTENE								
2-METHYLBUTANE	10.36	10.96	9.99	4.49	4.07	4.61	15.32	
1-PENTENE								
PENTANE	4.24	3.88	3.28	1.21	1.27	1.47	5.39	
2-METHYL-1,3-BUTADIENE	4.78	2.30	3.98	1.40	3.02	1.78	4.04	
TRANS-2-PENTENE **	1.10	1.20	1.01	0.74	0.78	0.67		
CIS-2-PENTENE **	1.78	1.75	1.69	1.98	2.07	1.79	2.10	
DICHLOROMETHANE								
2-METHYL-2-BUTENE	2.24		2.53	1.09				
3-CHLOROPROPENE								
2,2-DIMETHYLBUTANE	0.36							
4-METHYL-1-PENTENE								
3-METHYL-1-PENTENE								
CYCLOPENTANE	0.27		0.21					
2,3-DIMETHYLBUTANE	0.55	0.74	0.50	0.31				
2-METHYLPENTANE	2.47	2.55	2.46	1.51	1.38	1.55	3.46	
3-METHYLPENTANE	1.50	1.16	1.06	0.49				
1-HEXENE								
CIS-1,2-DICHLOROETHENE								
2-CHLOROBUTANE								
HEXANE	2.28	1.60	1.43	0.69	0.89	0.72	2.68	
TRICHLOROMETHANE								
TRANS-3-HEXENE								
3-CHLORO-2-METHYLPROPENE								
METHYLCYCLOPENTANE	0.76	0.72	0.63				1.06	
1,2-DICHLOROETHANE								
1,1,1-TRICHLOROETHANE								
1-CHLOROBUTANE								
BENZENE	10.15	6.30	6.42	3.55	2.58	4.89	3.05	
TETRACHLOROMETHANE								
CYCLOHEXANE							0.20	
2-METHYLHEXANE								
2,3-DIMETHYLPENTANE	1.60	1.78	1.46	0.78	0.74	0.90	2.07	
CYCLOHEXENE								
3-METHYLHEXANE	0.94	0.71	0.61	0.42	0.37	0.50	1.17	
1,2-DICHLOROPROPANE								
2,3-DICHLOROPROPENE								
TRICHLOROETHENE								
2,2,4-TRIMETHYLPENTANE	1.03	1.58	1.15	0.31	0.37	0.40	0.85	

1-HEPTENE							
HEPTANE	1.13	0.82	0.74	0.63	0.55	0.64	1.16
1-CHLORO-3-METHYLBUTANE							
TRANS-2-HEPTENE							
METHYLCYCLOHEXANE	0.42	0.40	0.33				0.51
4-METHYLCYCLOHEXENE							
2,5-DIMETHYLHEXANE							0.27
1-CHLOROPENTANE							
1,1,2-TRICHLOROETHANE							
TOLUENE	2.48	2.25	1.66	1.02	1.21	1.84	
1,3-DICHLOROPROPANE							
2-METHYLHEPTANE		0.28		0.30	0.24	0.30	0.52
4-METHYLHEPTANE	0.29	0.29	0.30	0.31	0.26	0.32	
3-METHYLHEPTANE							
1,2-DIBROMOETHANE							
1-OCTENE							
TRANS12DIMETHYLCYCLOHEXAN							
TRANS-4-OCTENE							
TETRACHLOROETHENE							
OCTANE	0.74	0.52	0.46	0.40	0.37	0.43	
2-METHYL-1-HEPTENE		0.26	0.34	0.32	0.29		
2-OCTENE							
CIS12DIMETHYLCYCLOHEXAN							
CHLOROBENZENE							
ETHYLCYCLOHEXANE **							
PROPYLCYCLOPENTANE **							
1-CHLOROHEXANE							
ETHYLBENZENE	0.79	0.36	0.30	0.17	0.48	0.44	0.92
M-XYLENE	1.53	1.50	1.11	0.72	0.68	1.02	1.86
4-METHYLOCTANE							0.43
2-METHYLOCTANE		0.38					
STYRENE							
1,4-DICHLOROBUTANE							
O-XYLENE	0.55	0.57	0.48	0.25	0.28	0.41	0.94
1,1,2,2-TETRACHLOROETHANE							
1,2,3-TRICHLOROPROPANE							
1-NONENE							
NONANE	0.50	0.59	0.41	0.27	0.25	0.28	0.39
ISOPROPYLBENZENE							
2-CHLOROTOLUENE							
3-CHLOROTOLUENE							
N-PROPYLBENZENE							
4-CHLOROTOLUENE							
3-ETHYLTOLUENE	0.76	0.71	0.53	0.41	0.38	0.51	0.87
4-ETHYLTOLUENE							
1,3,5-TRIMETHYLBENZENE		0.63		0.66	0.38	0.46	0.58
2-ETHYLTOLUENE							
tert-BUTYLBENZENE **	0.79	0.87	0.67	0.52	0.49	0.64	1.16
1,2,4-TRIMETHYLBENZENE **							
1,3-DICHLOROBENZENE							
1-DECENE							
(CHLOROMETHYL) BENZENE							
1,5-DICHLOROPENTANE							
DECANE	0.97	1.11	0.91	0.70	0.77	0.69	1.02
SEC-BUTYLBENZENE							
3-(CHLOROMETHYL)HEPTANE							
1,2,3-TRIMETHYLBENZENE		0.36					
ISOPROPYLMETHYLBENZENE	12.14	3.28	2.91	2.72	6.12	3.08	2.21
1,2-DICHLOROBENZENE							
INDAN							
N-BUTYLCYCLOHEXANE							
1,3-DIETHYLBENZENE							
1,4-DIETHYLBENZENE **							
N-BUTYLBENZENE **							
1,2-DIETHYLBENZENE							
UNDECANE	1.53	1.12	0.91	0.83	1.25	1.10	1.62

DECAHYDRONAPHTHALENE	0.86	0.74	0.78	0.65	0.70	0.76	1.42
1235-TETRAMETHYLBENZENE							1.08
1234-TETRAMETHYLBENZENE							
1234-TETRAHYDRONAPHTHALENE							
DIISOPROPYLBENZENE							
DODECANE	3.18	2.79	2.95	2.05	4.92	1.96	3.51

---

Total Compounds Identified	34.00	36.00	34.00	33.00	30.00	29.00	34.00
Total # of Peaks	74.00	71.00	62.00	63.00	56.00	51.00	75.00
Total Area of Peaks	4382.69	3004.35	3680.73	2156.78	2870.29	1919.92	4890.00
Area of Identified Peaks	3163.10	1904.47	2556.61	808.12	1630.43	930.69	3194.53
Area % Identified Peaks	72.17	63.39	69.46	37.47	56.80	48.48	65.33

Total hydrocarbons ug/m3:	85.66	73.99	66.81	34.82	40.11	37.50	89.84
Alkanes ug/m3	43.52	49.53	41.11	18.54	20.57	18.78	67.42
Cycloalkanes ug/m3	1.45	1.12	1.17	0.00	0.00	0.00	2.19
Alkenes ug/m3	10.64	5.77	9.67	5.61	6.24	4.67	6.14
Cycloalkenes ug/m3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alkynes ug/m3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aromatics ug/m3	30.05	17.57	14.86	10.67	13.30	14.05	14.09
Chlorinated alkanes ug/m3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Chlorinated alkenes ug/m3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Chlorinated aromatics ug/m3	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Toluene:Ethylbenzene	3.14	6.25	5.53	6.00	2.52	4.18	6.21
Benzene:Ethylbenzene	12.85	17.50	21.40	20.88	5.38	11.11	3.32
Xylenes:Ethylbenzene	2.63	5.75	5.30	5.71	2.00	3.25	3.04
Ethylbenzene:Ethylbenzene	1.00	1.00	1.00	1.00	1.00	1.00	1.00

\*\*-AMBIGUOUS IDENTIFICATION ON BOTH COLUMNS

DRYDEN\_85.: A081

Start: 85/07/08 10:39 Scan: 60 sec  
 Average: 30.00 min Report: 10.00 min  
 Loc: Southeast corner of Kilpatrick & Albert Streets

Time	CO Temp	TRS Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
10:39-11:09	.5 25.2	nd 1013.6	1.65 16.	.27 273.	1.38	nd	nd	nd	.011	.072
10:49-11:19	.5 25.4	nd 1013.6	1.79 15.	.39 275.	1.40	nd	nd	nd	.012	.075
10:59-11:29	.5 25.9	nd 1013.5	1.92 15.	.50 275.	1.42	nd	nd	nd	.011	.076
11:09-11:39	.5 26.1	nd 1013.4	1.92 15.	.50 274.	1.42	nd	nd	nd	.011	.076
11:19-11:49	.5 26.7	nd 1013.3	1.79 15.	.36 275.	1.43	nd	nd	nd	.011	.077
11:29-11:59	.5 26.8	nd 1013.2	1.67 17.	.24 274.	1.43	nd	nd	nd	.011	.080
11:39-12:09	.5 27.2	nd 1013.1	1.65 16.	.22 274.	1.43	.01	.01	nd	.010	.082
11:49-12:19	.5 27.2	nd 1013.0	1.63 18.	.20 274.	1.42	nd	nd	nd	.010	.076
11:59-12:29	.5 27.0	.002 1012.9	1.61 16.	.19 277.	1.42	nd	nd	nd	.010	.073

Statistics	CO Temp	TRS Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
Units	ppm d C	ppm mbar-msl	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	ppm	W/cm <sup>2</sup>
Arith. Mean	.51 26.3	.0019 1013.3	1.713 -	.299 -	1.414	.029	.008	.005	.011	.0744
Std. Dev.	.28 .9	.0015 .4	.284 -	.280 -	.025	.005	.004	.001	.002	.0165
Geo. Mean	.46 -	.0016 -	1.696 -	.248 -	1.414	.008	.007	.005	.010	-
Geo.Std.Dev	1.53 -	1.7863 -	1.138 -	1.673 -	1.018	1.683	1.563	1.142	1.253	-
Min Reading	.05 24.1	.0010 1011.4	1.522 2.9	.118 244.1	1.333	.005	.005	.005	.002	.0154
Max Reading	2.32 27.6	.0090 1013.8	3.555 29.9	2.173 320.3	1.466	.027	.017	.016	.017	.0938
Min Average	.47 25.2	.0010 1012.9	1.609 14.7	.188 273.2	1.381	.008	.007	.005	.010	.0721
Max Average	.54 27.2	.0021 1013.6	1.924 18.0	.500 276.8	1.438	.011	.010	.006	.012	.0823
# Valid Rdgs	112. 112.	112. 112.	112. 112.	112. 112.	112.	112.	112.	112.	112.	112.

- Invalid Data / Not Calculated

nd Average is less than Min. Detectable Level

m One or more readings Missing

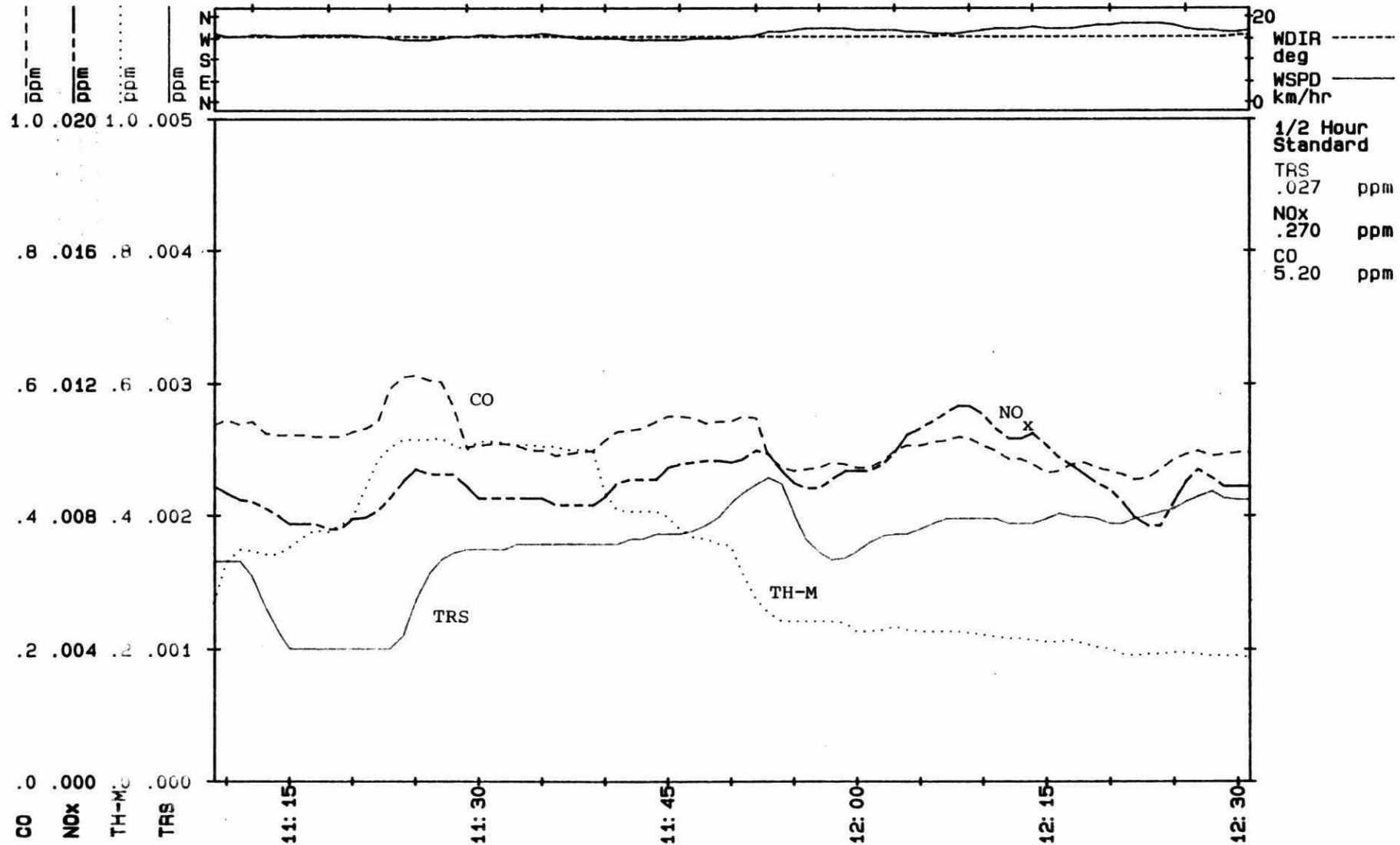
Percent Valid Data Required for Valid Average: 90.0 %

Averaging Started at Nearest: .0 min

# DRYDEN\_85: A081

Start: 85/07/08 10:39 Scan: 60 sec. Ave: 30.00 min.  
 Loc: Southeast corner of Kilpatrick & Albert Streets

.073	.075	.076	.076	.075	.076	.078	.077	.078	.083	.082	.082	.074	.074	SRAD	W/cm^2
25	25	26	26	26	26	27	27	27	27	27	27	27	27	TEMP	d C
1014	1014	1014	1013	1013	1013	1013	1013	1013	1013	1013	1013	1013	1013	HUM	%-rel
														BAR	mbar-msl





DRYDEN\_95 : A082

Start: 85/07/08 12:43 Scan: 60 sec  
Average: 30.00 min Report: 10.00 min  
Loc: Kinsmen Park on Holland at Van Horne Avenue

Time	CO Temp	TRS Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
12:43-13:13	.5 26.9	.016 1013.2	1.70 19.	.30 303.	1.40	.02	.01	nd	.012	.054
12:53-13:23	.6 26.6	.018 1013.0	1.64 17.	.25 307.	1.39	.01	nd	nd	.012	.049
13:03-13:33	.5 26.6	.014 1012.8	1.68 16.	.28 303.	1.40	nd	nd	nd	.012	.050
13:13-13:43	.5 27.1	.016 1012.7	1.72 15.	.32 302.	1.41	nd	nd	nd	.012	.059
13:23-13:53	.5 27.3	.015 1012.5	1.68 15.	.29 304.	1.40	nd	nd	nd	.012	.063
13:33-14:03	.5 27.3	.019 1012.3	1.65 14.	.27 307.	1.38	.01	nd	nd	.012	.056
13:43-14:13	.6 27.2	.023 1012.1	1.68 13.	.30 309.	1.38	.01	nd	nd	.011	.053
13:53-14:23	.6 27.3	.021 1011.9	1.70 15.	.31 302.	1.38	.01	nd	nd	.010	.051
14:03-14:33	.5 27.5	.018 1011.7	1.69 15.	.31 297.	1.38	.01	nd	nd	.010	.059
14:13-14:43	.4 27.8	.013 1011.5	1.64 16.	.27 287.	1.37	nd	nd	nd	.009	.070
14:23-14:53	.4 28.4	.011 1011.4	1.61 15.	.25 280.	1.36	nd	nd	nd	.009	.080
14:33-15:03	.4 28.5	.011 1011.2	1.57 16.	.23 278.	1.34	nd	nd	nd	.010	.076

Statistics	CO Temp	TRS Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
Units	ppm d C	ppm mbar-msl	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	ppm	W/cm^2
Arith. Mean	.49 27.4	.0160 1012.2	1.660 -	.286 -	1.381	.011	.007	.005	.011	.0600
Std. Dev.	.24 .8	.0092 .8	.150 -	.126 -	.035	.007	.004	.001	.002	.0215
Geo. Mean	.44 -	.0139 -	1.662 -	.263 -	1.381	.009	.006	.005	.010	-
Geo. Std. Dev	1.56 -	1.6602 -	1.090 -	1.500 -	1.025	1.018	1.569	1.174	1.334	-
Min Reading	.05 25.9	.0043 1011.0	1.434 2.1	.118 245.2	1.316	.005	.005	.005	.002	.0240
Max Reading	1.61 29.3	.0490 1013.7	2.196 30.2	.772 336.1	1.505	.038	.023	.010	.010	.1061
Min Average	.39 26.6	.0109 1011.2	1.568 13.3	.226 278.2	1.342	.006	.005	.005	.009	.0493
Max Average	.60 28.5	.0234 1013.2	1.722 18.5	.315 308.6	1.405	.016	.011	.006	.012	.0796
Valid Rdgs	143. 143.	143. 143.	143. 143.	143. 143.	143.	143.	143.	143.	143.	143.

- Invalid Data / Not Calculated

nd Average is less than Min. Detectable Level

m One or more readings Missing .

Percent Valid Data Required for Valid Average: 90.0 %

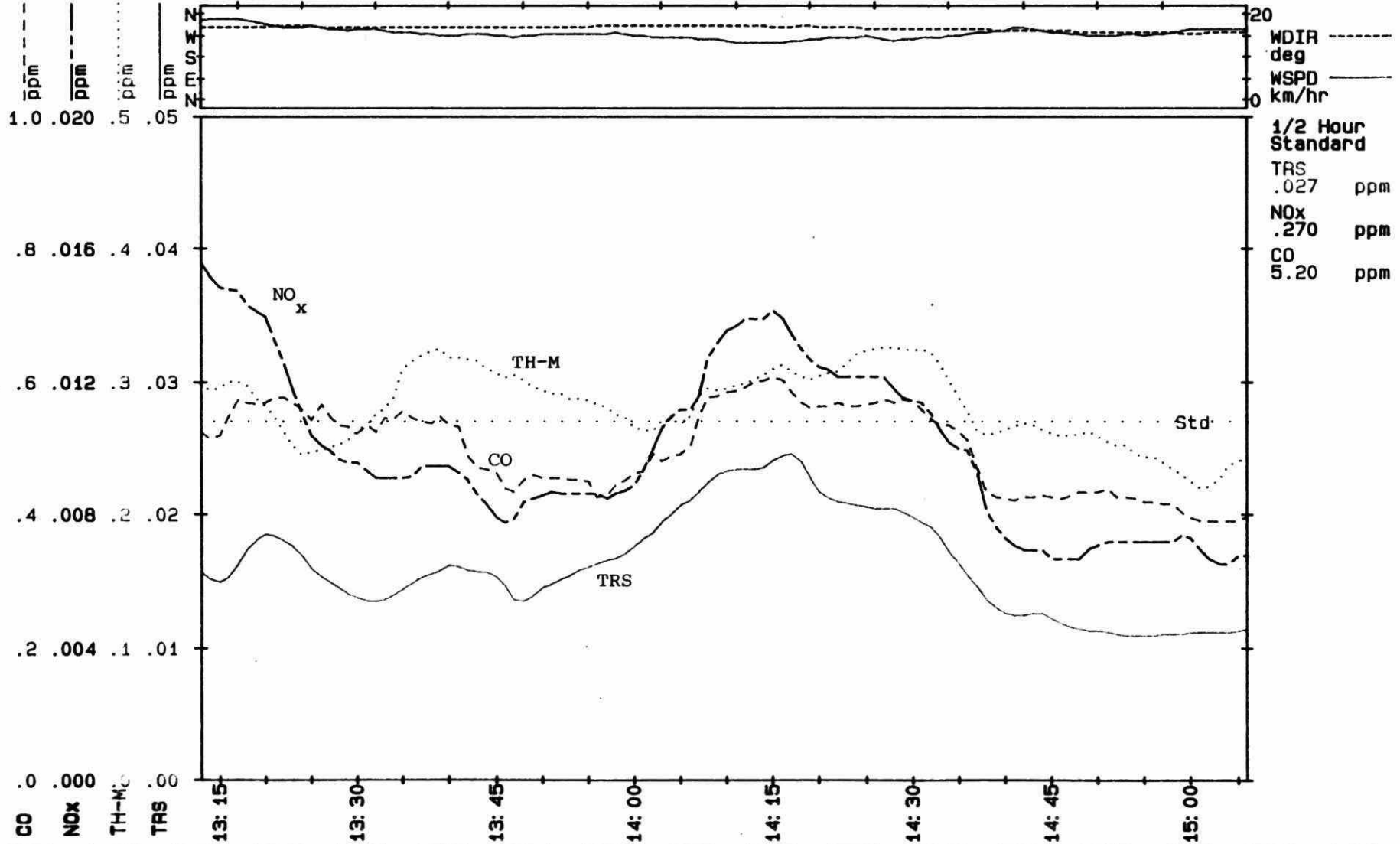
Averaging Started at Nearest: .0 min

# DRYDEN\_85: A082

Start: 85/07/08 12:43 Scan: 60 sec. Ave: 30.00 min.  
 Loc: Kinsmen Park on Holland at Van Horne Avenue

.049	.048	.049	.058	.063	.064	.056	.053	.052	.053	.061	.070	.075	.080
27	27	27	27	27	27	27	27	27	27	28	28	28	29
92	90	88	89	89	91	93	95	96	93	92	90	92	94
1013	1013	1013	1013	1013	1012	1012	1012	1012	1012	1012	1012	1011	1011

SRAD	W/cm^2
TEMP	d C
HUM	%-rel
BAR	mbar-msl



DRYDEN\_85 : A083

Start: 85/07/08 15:23 Scan: 300 sec  
 Average: 30.00 min Report: 10.00 min  
 Loc: Marguerite Street near Hgwy #17...upwind of GLFPL

Time	CO Temp	TRS Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
5:23-15:53	.3 26.1	.011 1012.6	1.43 14.	nd 291.	1.34	nd	nd	nd	.009	.044
5:33-16:03	.3 26.5	.010 1013.0	1.44 14.	nd 297.	1.35	nd	nd	nd	.010	.048
5:43-16:13	.3 26.6	.009 1012.8	1.44 13.	nd 292.	1.36	nd	nd	nd	.010	.043
5:53-16:23	.3 27.2	.007 1012.5	1.44 12.	nd 275.	1.35	nd	nd	nd	.010	.055

Statistics	CO Temp	TR5 Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
Units	ppm d C	ppm mbar-msl	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	ppm	W/cm <sup>2</sup>
Arith. Mean	.32 26.7	.0004 1012.5	1.439 -	.078 -	1.349	.005	.005	.005	.009	.0509
Std. Dev.	.07 .9	.0033 .7	.023 -	.032 -	.010	.000	.000	.000	.002	.0222
Geo. Mean	.31 -	.0077 -	1.439 -	.072 -	1.349	.005	.005	.005	.009	-
Geo.Std.Dev	1.23 -	1.6247 -	1.016 -	1.511 -	1.007	1.000	1.000	1.000	1.572	-
Min Reading	.23 25.3	.0033 1010.6	1.403 8.1	.050 259.2	1.337	.005	.005	.005	.002	.0170
Max Reading	.47 28.1	.0131 1013.2	1.500 21.6	.125 307.3	1.372	.005	.005	.005	.012	.0770
Min Average	.29 26.1	.0068 1012.5	1.434 12.5	.063 275.4	1.344	.005	.005	.005	.009	.0433
Max Average	.32 27.2	.0109 1013.0	1.445 14.3	.084 291.4	1.356	.005	.005	.005	.010	.0549
# Valid Rds	13. 13.	13. 13.	13. 13.	13. 13.	13.	13.	13.	13.	13.	13.

- Invalid Data / Not Calculated

nd Average is less than Min. Detectable Level

m One or more readings Missing

Percent Valid Data Required for Valid Average: 90.0 %

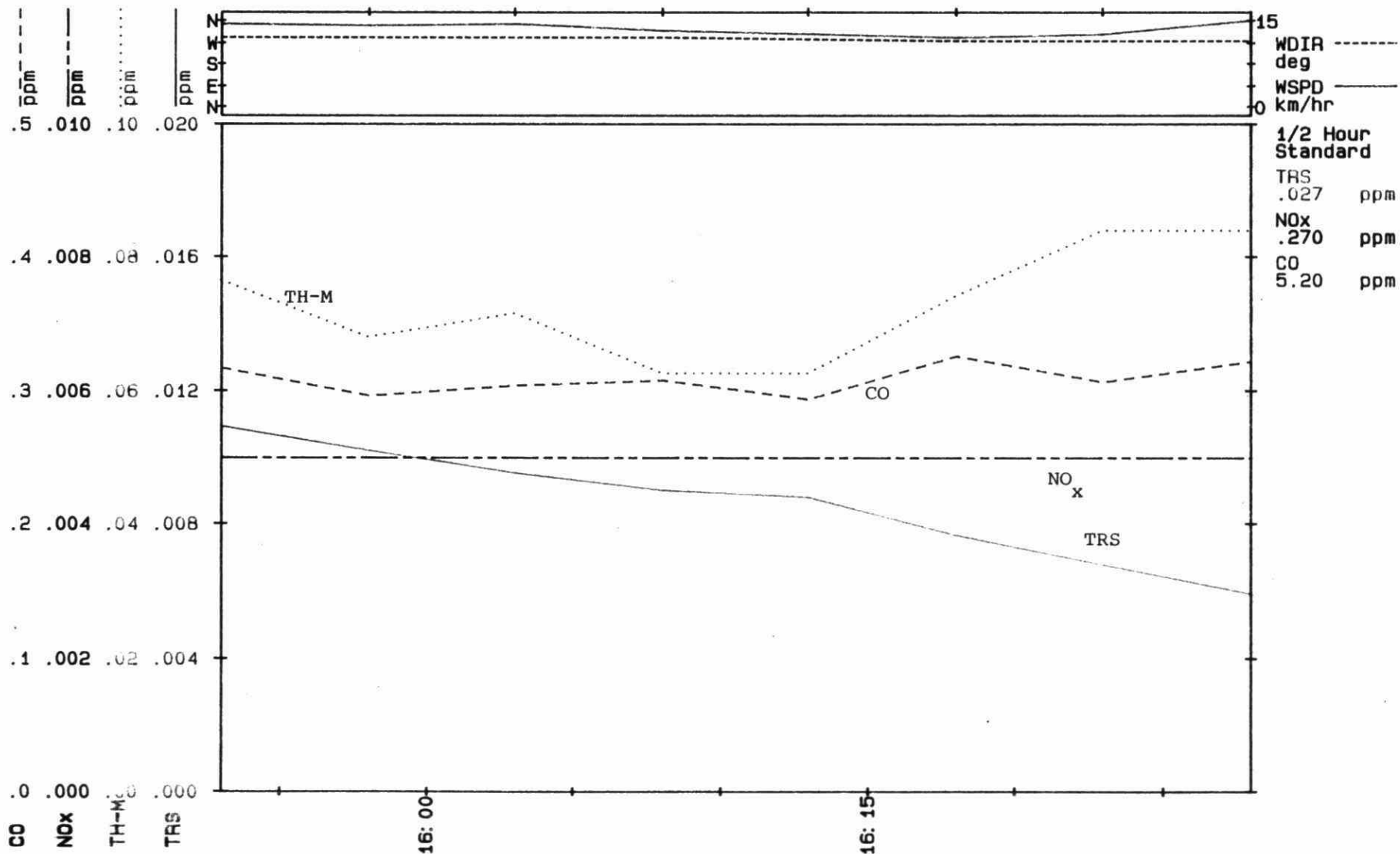
Averaging Started at Nearest: .0 min

# DRYDEN\_85: A083

Start: 85/07/08 15:23 Scan: 300 sec. Ave: 30.00 min.  
 Loc: Marguerite Street near Hgwy #17...upwind of GLFPL

	.044	.048	.042	.043	.052	.055
26	26	26	27	27	27	27
1013	1013	1013	1013	1013	1013	1012

SRAD W/cm^2  
 TEMP d C  
 HUM %rel  
 BAR mbar-msl



## DRYDEN SURVEY-85

MAMU#1  
JUL 8/85

MONITORING PERIOD	A001	A001	A001	A002	A002	A002	A002	A003	A003
TIME	1036-1106	1147-1217	1316-1346	1426-1456	1556-1626				
	112-1142	1241-1311	1351-1421	1521-1551					
PROPANE				3.46					
PROPADIENE									
PROPYNE									
CHLOROMETHANE		0.35	0.32	0.51					0.73
CYCLOPROPANE									
2-METHYLPROPANE	4.06	12.10	5.16	6.03	4.78		6.10	7.77	4.26
CHLOROETHENE									
1-BUTENE		3.03							
1,3-BUTADIENE		2.25				0.25			
BUTANE	10.78	59.30	13.49	5.10	5.21	4.45	5.07	2.87	3.36
1-BUTYNE									
CHLOROETHANE									
3-METHYL-1-BUTENE		0.33							
2-METHYLBUTANE	12.43	37.50	10.97		5.30	5.16	3.96	3.39	3.43
1-PENTENE		1.12		0.22					
PENTANE	4.83	13.16	4.24		2.50	2.33	1.46	0.97	1.50
2-METHYL-1,3-BUTADIENE	3.25	4.31	3.82		5.37	4.80	4.28	5.66	4.16
TRANS-2-PENTENE **	1.15	2.85	1.66	0.75	0.80	0.63	0.50	0.54	0.49
CIS-2-PENTENE **	2.00	6.71	1.88	0.93	1.12	0.82	0.62	0.46	0.56
DICHLOROMETHANE									
2-METHYL-2-BUTENE	1.99	5.53	2.24	1.60	1.74	1.59	1.22	1.18	0.88
3-CHLOROPROPENE									
2,2-DIMETHYLBUTANE		0.30	0.16						
4-METHYL-1-PENTENE									
3-METHYL-1-PENTENE		0.18							
CYCLOPENTANE	0.39	0.94	0.32		0.16	0.15			0.37
2,3-DIMETHYLBUTANE	0.72	1.47	0.65		0.42	0.33	0.37	0.24	0.20
2-METHYLPENTANE	2.82	4.82	2.33		2.25	1.68	1.24	1.10	1.09
3-METHYLPENTANE	1.72	2.81	1.34		0.85	0.80	0.50	0.41	0.46
1-HEXENE	0.20	0.22							
CIS-1,2-DICHLOROETHENE									
2-CHLOROBUTANE									
HEXANE	3.38	3.83	1.89		1.20	0.99	0.74	0.64	0.77
TRICHLOROMETHANE				1.51	4.33	5.08			
TRANS-3-HEXENE	0.18	0.28		0.15					
3-CHLORO-2-METHYLPROPENE	1.89				2.99	2.81			
METHYLCYCLOPENTANE	1.27	2.30	1.08		0.61	0.52	0.27	0.15	0.32
1,2-DICHLOROETHANE									
1,1,1-TRICHLOROETHANE									
1-CHLOROBUTANE									
BENZENE	11.51	13.60	3.53	7.83	3.58	8.10	3.04	9.05	3.10
TETRACHLOROMETHANE	3.14								
CYCLOHEXANE	0.27	0.51	0.27		0.15	0.19			
2,3-DIMETHYLPENTANE									
2-METHYLHEXANE	5.52	4.04	2.25		1.36	1.27	1.05	0.59	0.73
CYCLOHEXENE									
3-METHYLHEXANE	3.16	1.31	0.78	0.53	0.57	0.50	0.40	0.30	0.32
1,2-DICHLOROPROPANE									
2,3-DICHLOROPROPENE	1.12								
TRICHLOROETHENE		0.54		0.18					
2,2,4-TRIMETHYLPENTANE	4.07	3.16	2.29	1.32	1.08	1.01	0.94	0.23	0.53

1-HEPTENE									
HEPTANE	3.04	1.21	0.93	0.64	0.72	0.62	0.56	0.49	0.45
1-CHLORO-3-METHYLBUTANE									
TRANS-2-HEPTENE	0.41								
METHYLCYCLOHEXANE	0.99	0.77	0.45	0.31	0.32	0.29	0.22	0.14	0.20
4-METHYLCYCLOHEXENE	0.75	0.34							
2,5-DIMETHYLHEXANE	0.81	0.30	0.21	0.17	0.19	0.15	0.14	0.12	0.10
1-CHLOROPENTANE									
1,1,2-TRICHLOROETHANE									
TOLUENE	12.64	3.74	2.44	1.86	2.08	1.83	1.55	1.15	1.39
1,3-DICHLOROPROPANE	0.73								
2-METHYLHEPTANE		0.37	0.29	0.25	0.26	0.25			0.18
4-METHYLHEPTANE	1.20	0.39	0.31	0.27	0.27	0.26	0.24	0.21	0.19
3-METHYLHEPTANE									
1,2-DIBROMOETHANE									
1-OCTENE	0.42								
TRANS12DIMETHYLCYCLOHEXAN	0.31								
TRANS-4-OCTENE									
TETRACHLOROETHENE	1.53								
2-METHYL-1-HEPTENE	1.38	0.54	0.47	0.37	0.40	0.36	0.33	0.31	0.29
OCTANE	0.32	0.20	0.18	0.21	0.17	0.21	0.20	0.19	0.17
2-OCTENE	0.48								
CIS12DIMETHYLCYCLOHEXAN	0.29	0.51	0.50	0.60					
CHLOROBENZENE	0.18								
ETHYLCYCLOHEXANE **	0.26								
PROPYLCYCLOPENTANE **	0.39								
1-CHLOROHEXANE									
ETHYLBENZENE	2.18	0.88	0.64	0.39	0.53	0.50	0.38	0.33	0.44
m/p-XYLENE	8.06	2.46	1.97	1.43	1.62	1.52	1.24	1.05	1.46
4-METHYLOCTANE									
2-METHYLOCTANE									
STYRENE	0.63								
1,4-DICHLOROBUTANE									
O-XYLENE	3.02	1.08	0.88	0.58	0.64	0.58	0.44	0.23	0.53
1,1,2,2-TETRACHLOROETHANE									
1,2,3-TRICHLOROPROPANE									
1-NONENE									
NONANE	1.21	0.30	0.28	0.18	0.22	0.18	0.17	0.17	0.26
ISOPROPYLBENZENE									
2-CHLOROTOLUENE	0.45								
3-CHLOROTOLUENE									
PROPYLBENZENE	0.79								
4-CHLOROTOLUENE	1.20	0.51	0.43	0.25	0.29	0.23			
3-ETHYLTOLUENE	1.79	0.71	0.57	0.40	0.44	0.39	0.33	0.42	0.48
4-ETHYLTOLUENE	0.90	0.35	0.29	0.22	0.26	0.23	0.20		
1,3,5-TRIMETHYLBENZENE	1.53	0.69	0.56	0.86	1.02	0.84	0.88	0.47	0.44
2-ETHYLTOLUENE	0.54								
tert-BUTYLBENZENE **	1.88	1.44	1.11	0.95	1.20	0.97	1.01	0.52	0.62
1,2,4-TRIMETHYLBENZENE **									
1,3-DICHLOROBENZENE									
1-DECENE									
(CHLOROMETHYL) BENZENE									
1,5-DICHLOROPENTANE	0.79								
DECANE	1.31	0.70	0.49	0.71	0.83	0.73	0.64	0.62	0.70
sec-BUTYLBENZENE									
3-(CHLOROMETHYL)HEPTANE									
1,2,3-TRIMETHYLBENZENE					0.38	0.37	0.34		0.23
ISOPROPYL4METHYLBENZENE	2.19	3.35	1.74	29.88	12.95	35.27	13.35	11.10	4.04
1,2-DICHLOROBENZENE									
INDAN	0.56	0.32	0.26						
BUTYLCYCLOHEXANE									
1,3-DIETHYLBENZENE									
1,4-DIETHYLBENZENE **									
BUTYLBENZENE **									
1,2-DIETHYLBENZENE									
UNDECANE	1.44	0.71	0.67	0.56	0.52	0.60	0.53	0.69	0.70



DECAHYDRONAPHTHALENE	1.08	0.62	0.69	0.83	1.07	1.08	1.56	1.58	1.15
1235-TETRAMETHYLBENZENE	0.72	0.48	0.50	0.38	0.38	0.42	0.32	1.44	
1234-TETRAMETHYLBENZENE	0.44								
1234-TETRAHYDRONAPHTHALENE									
1,4-DIISOPROPYLBENZENE									
DODECANE	2.99	1.65	1.30	1.89	1.75	1.52	1.86	2.01	1.49

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Total Compounds Identified	65.00	56.00	46.00	39.00	46.00	45.00	40.00	36.00	41.00
Total # of peaks	163.00	117.00	105.00	98.00	100.00	96.00	94.00	86.00	79.00
Total Area of peaks	6191.80	7199.31	3245.04	3690.73	2818.99	3855.40	2610.06	2648.35	1901.44
Area of Identified peaks	4209.14	5914.21	2166.48	1862.93	1556.71	2458.53	1232.95	1274.49	1160.72
Area % Identified peaks	67.98	82.15	66.76	50.46	55.22	63.77	47.23	48.12	61.04

Total hydrocarbons ug/m3:	143.68	213.47	78.51	70.66	78.85	92.86	58.25	58.79	42.77
Alkanes ug/m3	65.81	149.63	50.21	17.86	30.45	23.04	26.17	23.01	20.89
Cycloalkanes ug/m3	4.17	5.03	2.62	0.91	1.24	1.15	0.49	0.29	0.89
Alkenes ug/m3	11.46	27.35	10.07	4.02	9.43	8.45	6.95	8.15	6.38
Cycloalkenes ug/m3	0.75	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alkynes ug/m3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aromatics ug/m3	50.46	29.72	15.18	45.61	26.15	52.10	24.64	27.34	13.88
Chlorinated alkanes ug/m3	4.66	0.35	0.00	1.83	4.84	5.08	0.00	0.00	0.73
Chlorinated alkenes ug/m3	4.54	0.54	0.00	0.18	2.99	2.81	0.00	0.00	0.00
Chlorinated aromatics ug/m3	1.83	0.51	0.43	0.25	0.29	0.23	0.00	0.00	0.00
Toluene:Ethylbenzene	5.80	4.25	3.81	4.77	3.92	3.66	4.08	3.48	3.16
Benzene:Ethylbenzene	5.28	15.45	5.52	20.08	6.75	16.20	8.00	27.42	7.05
Xylenes:Ethylbenzene	5.08	4.02	4.45	5.15	4.26	4.20	4.42	3.88	4.52
Ethylbenzene:Ethylbenzene	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

\*\*-AMBIGUOUS IDENTIFICATION ON BOTH COLUMNS

DRYDEN\_85 : A091

Start: 85/07/09 10:28 Scan: 60 sec  
 Average: 30.00 min Report: 10.00 min  
 Loc: Victoria Street & Riverview Drive..at boat launch site

Time	CO Temp	TRS Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
10:28-10:58	1.1 19.9	.071 1012.8	- 27.	- 332.	-	.03	.01	.02	.009	.066
10:38-11:08	1.0 20.1	.051 1012.8	- 29.	- 326.	-	.02	nd	.02	.010	.069
10:48-11:18	1.2 20.1	.056 1012.8	- 31.	- 329.	-	.02	nd	.02	.010	.075
10:58-11:28	1.4 20.4	.055 1012.8	- 32.	- 331.	-	.02	nd	.02	.010	.093
11:08-11:38	1.5 20.3	.068 1012.8	- 33.	- 330.	-	.03	nd	.02	.010	.074
11:18-11:48	1.0 20.1	.051 1012.8	- 34.	- 325.	-	.02	nd	.02	.011	.074
11:28-11:58	.5 20.0	.031 1012.8	- 35.	- 317.	-	.01	nd	.01	.011	.074
11:38-12:08	.4 20.0	.011 1012.9	- 37.	- 313.	-	nd	nd	nd	.012	.084
11:48-12:18	.4 20.1	.010 1012.9	- 37.	- 313.	-	nd	nd	nd	.012	.085
11:58-12:28	.7 19.9	.029 1013.0	- 38.	- 327.	-	.02	nd	.01	.011	.096
12:08-12:38	.9 19.9	.043 1013.0	- 37.	- 341.	-	.02	nd	.02	.011	.099
12:18-12:48	1.1 19.7	.056 1013.1	- 40.	- 348.	-	.03	.01	.02	.010	.098
12:28-12:58	1.3 19.7	.058 1013.2	- 39.	- 346.	-	.04	.01	.03	.010	.099
12:38-13:08	1.4 19.7	.072 1013.1	- 38.	- 343.	-	.05	.01	.03	.008	.089
12:48-13:18	1.1 19.9	.061 1013.0	- 35.	- 333.	-	.04	.01	.03	.008	.090
12:58-13:28	1.1 20.2	.056 1013.0	- 33.	- 332.	-	.04	.01	.03	.009	.090

Time	CO Temp	TRS Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
13:00-13:30	1.1 20.4	.048 1013.1	- 32.	- 334.	-	.03	.01	.03	.009	.090
13:10-13:40	1.2 20.5	.061 1013.3	- 34.	- 331.	-	.04	.01	.03	.010	.089
13:20-13:50	.8 20.3	.040 1013.4	- 36.	- 313.	-	.02	nd	.02	.011	.089
13:30-14:00	.6 20.3	.025 1013.5	- 40.	- 305.	-	.02	nd	.01	.013	.089
13:40-14:10	.8 20.3	.020 1013.6	- 36.	- 309.	-	.02	nd	.01	.013	.088
13:50-14:20	.9 20.4	.030 1013.6	- 33.	- 323.	-	.02	.01	.02	.012	.088
14:00-14:30	1.1 20.4	.037 1013.6	- 32.	- 340.	-	.04	.01	.02	.011	.086
14:10-14:40	.9 20.4	.041 1013.6	- 31.	- 341.	-	.04	.01	.02	.011	.085
14:20-14:50	1.1 20.4	.045 1013.6	- 32.	- 346.	-	.04	.02	.03	.010	.082
14:30-15:00	.9 20.6	.040 1013.6	- 28.	- 338.	-	.03	.01	.02	.010	.091
14:40-15:10	.7 20.8	.037 1013.6	- 27.	- 335.	-	.03	.01	.02	.010	.080
14:50-15:20	.5 21.1	.028 1013.6	- 25.	- 326.	-	.03	nd	.02	.011	.081

Statistics	CO Temp	TRS Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
Units	ppm d C	ppm mbar-msl	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	ppm	W/cm <sup>2</sup>
Arith. Mean	.94 20.2	.0439 1013.2	- -	- -	-	.028	.010	.020	.010	.3825
Std. Dev.	.70 .5	.0341 .4	- -	- -	-	.021	.007	.012	.002	.0122
Geo. Mean	.73 -	.0255 -	- -	- -	-	.019	.008	.016	.010	-
Geo. Std. Dev	2.02 -	3.6092 -	- -	- -	-	2.614	1.083	2.014	1.322	-
Min Reading	.05 19.3	.0010 1011.4	- 10.6	- .3	-	.005	.005	.005	.002	.3166
Max Reading	4.21 21.5	.1357 1013.8	- 62.2	- 359.9	-	.094	.040	.061	.016	.0917
Min Average	.37 19.7	.0096 1012.8	- 25.0	- 305.3	-	.008	.005	.008	.008	.0664
Max Average	1.46 21.1	.0716 1013.6	- 40.3	- 347.9	-	.046	.016	.032	.013	.0898
Valid Rdgs	306. 306.	306. 306.	0. 306.	0. 306.	0.	306.	306.	306.	306.	306.

- Invalid Data / Not Calculated

nd Average is less than Min. Detectable Level

m One or more readings Missing

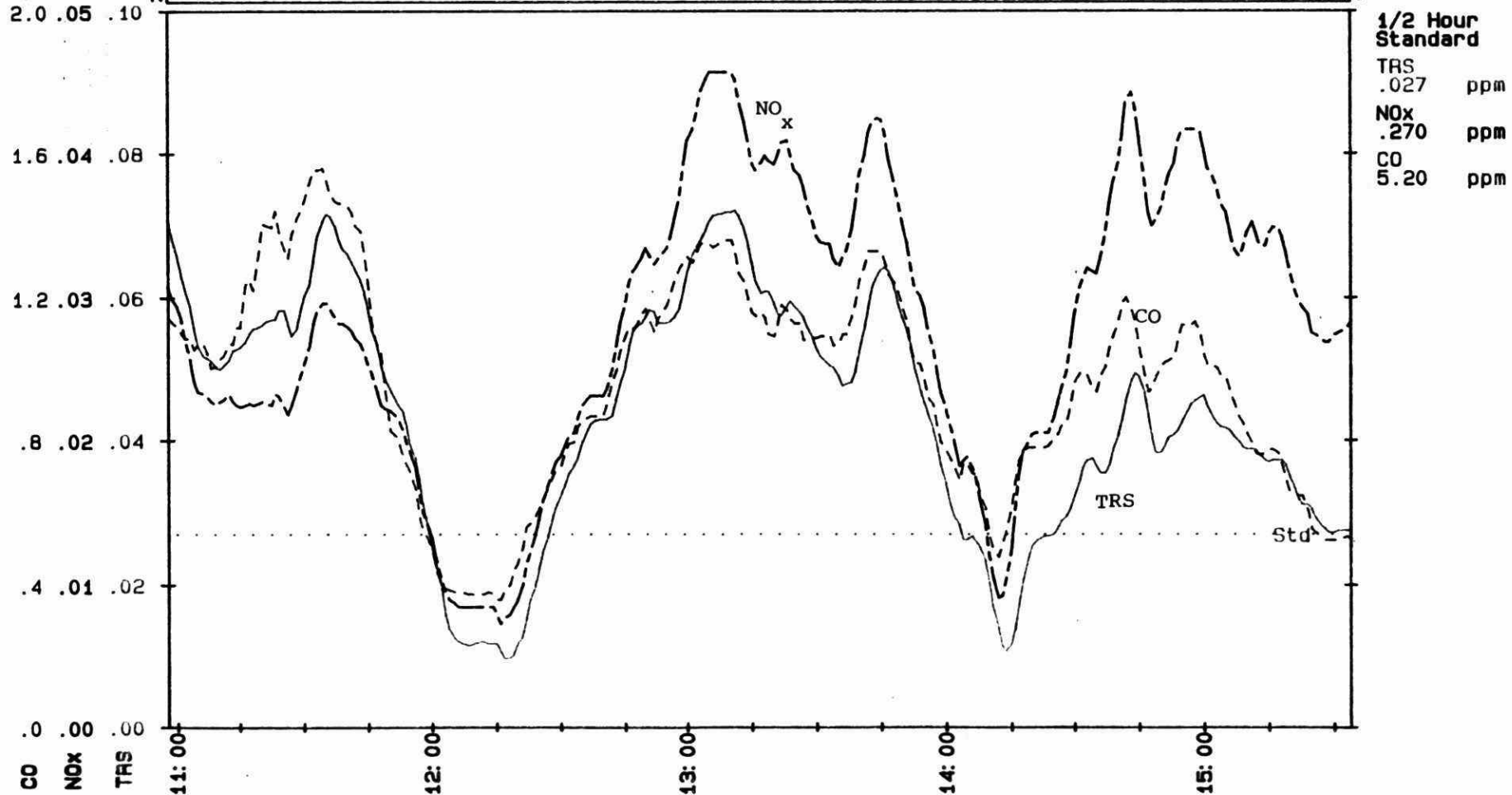
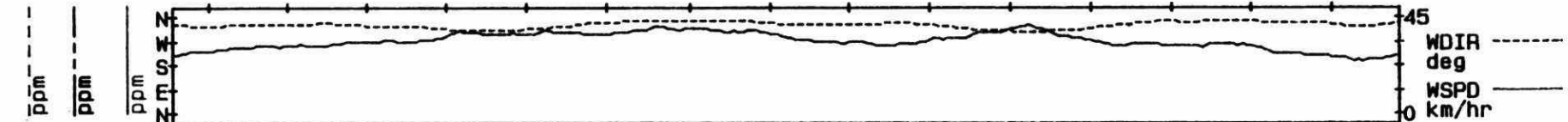
Percent Valid Data Required for Valid Average: 90.0 %

Averaging Started at Nearest: .0 min

# DRYDEN\_85: A091

Start: 85/07/09 10:28 Scan: 60 sec. Ave: 30.00 min.  
 Loc: Victoria Street & Riverview Drive..at boat launch site

	.068	.078	.074	.076	.085	.087	.088	.089	.090	.089	.089	.088	.086	.082	.080	SRAD	W/cm^2
	20	20	20	20	20	20	20	20	20	20	20	20	20	20	21	TEMP	d C
	1013	1013	1013	1013	1013	1013	1013	1013	1013	1013	1013	1014	1014	1014	1014	HUM	%-rel
																BAR	mbar-msl



Start: 05/07/09 15:45 Scan: 300 sec  
 Average: 30.00 min Report: 15.00 min  
 Loc: Overnight and upwind at MNR building

Time	CO Temp	TRS Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
15:45-16:15	.3 20.8	nd 1014.9	- 30.	- 306.	-	nd	nd	nd	.010	.037
16:00-16:30	.3 20.6	nd 1015.0	- 31.	- 316.	-	nd	nd	nd	.010	.059
16:15-16:45	.3 21.0	nd 1015.0	- 33.	- 313.	-	nd	nd	nd	.010	.063
16:30-17:00	.3 20.7	nd 1015.0	- 31.	- 302.	-	nd	nd	nd	.010	.051
16:45-17:15	.3 20.6	nd 1014.8	- 32.	- 304.	-	nd	nd	nd	.011	.052
17:00-17:30	.3 21.1	nd 1014.5	- 33.	- 308.	-	nd	nd	nd	.010	.058
17:15-17:45	.3 21.0	nd 1014.2	- 32.	- 309.	-	nd	nd	nd	.010	.050
17:30-18:00	.3 20.7	nd 1014.0	- 31.	- 307.	-	nd	nd	nd	.011	.043
17:45-18:15	.3 20.4	nd 1014.0	- 35.	- 299.	-	nd	nd	nd	.011	.040
18:00-18:30	.3 19.9	nd 1014.0	- 31.	- 299.	-	nd	nd	nd	.011	.032
18:15-18:45	.3 19.8	nd 1014.0	- 23.	- 309.	-	nd	nd	nd	.010	.023
18:30-19:00	.3 20.1	nd 1014.0	- 26.	- 303.	-	nd	nd	nd	.010	.025
18:45-19:15	.3 19.8	nd 1014.0	- 33.	- 295.	-	nd	nd	nd	.011	.029
19:00-19:30	.3 19.6	nd 1014.0	- 33.	- 297.	-	nd	nd	nd	.010	.024
19:15-19:45	.3 19.2	nd 1014.0	- 30.	- 300.	-	nd	nd	nd	.010	.019
19:30-20:00	.3 18.8	nd 1014.0	- 26.	- 302.	-	nd	nd	nd	.010	.013

Time	CO	Temp	TRB	THC	Wind-Spd	Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
19:45-20:15	.3	18.8	1014.0	-	21.	-	-	nd	nd	nd	.010	.009
20:00-20:30	.3	17.1	1014.0	-	19.	-	-	nd	nd	nd	.010	.005
20:15-20:45	.3	16.1	1014.0	-	17.	-	-	nd	nd	nd	.011	.002
20:30-21:00	.3	15.3	1014.0	-	16.	-	-	nd	nd	nd	.010	.002
20:45-21:15	.3	14.4	1014.0	-	5.	-	-	nd	nd	nd	.009	.000
21:00-21:30	.4	13.9	1014.0	-	4.	-	-	nd	nd	nd	.009	.000
21:15-21:45	.4	13.5	1014.0	-	2.	-	-	nd	nd	nd	.003	.000
21:30-22:00	.5	12.8	1014.0	-	0.	-	-	nd	nd	nd	.005	.000
21:45-22:15	.6	12.0	1014.0	-	0.	-	-	.02	.01	nd	nd	.000
22:00-22:30	.5	11.1	1014.0	-	0.	-	-	.02	.01	.01	nd	.000
22:15-22:45	.6	10.2	1014.0	-	0.	-	-	.02	.01	.01	nd	.000
22:30-23:00	.7	9.7	1014.0	-	0.	-	-	.02	nd	.01	nd	.000
22:45-23:15	.6	9.5	1014.0	-	0.	-	-	.02	nd	nd	nd	.000
23:00-23:30	.5	9.3	1014.0	-	0.	-	-	.01	nd	nd	nd	.000
23:15-23:45	.5	9.2	1014.1	-	0.	-	-	.02	.01	nd	nd	.000
23:30-00:00	.4	9.1	1014.1	-	0.	-	-	.01	.01	nd	nd	.000
23:45-00:15	.4	9.2	1014.0	-	0.	-	-	.01	.01	nd	nd	.000

Time	CO Temp	TRS Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
5/07/10										
00:00-00:30	.4 9.2	nd 1014.1	- 0.	- 122.	-	.01	.01	nd	nd	.000
00:15-00:45	.4 9.1	nd 1014.1	- 0.	- 295.	-	.01	.01	nd	nd	.000
00:30-01:00	.4 8.9	nd 1014.0	- 0.	- 295.	-	.01	.01	nd	nd	.000
00:45-01:15	.4 8.7	nd 1014.0	- 0.	- 306.	-	.01	.01	nd	nd	.000
01:00-01:30	.4 8.7	nd 1014.1	- 0.	- 301.	-	nd	.01	nd	nd	.000
01:15-01:45	.3 8.5	nd 1014.2	- 0.	- 145.	-	nd	nd	nd	nd	.000
01:30-02:00	.3 8.4	nd 1014.1	- 0.	- 285.	-	nd	nd	nd	nd	.000
01:45-02:15	.3 8.3	nd 1014.0	- 1.	- 305.	-	nd	nd	nd	nd	.000
02:00-02:30	.3 8.0	nd 1014.0	- 1.	- 308.	-	nd	nd	nd	nd	.000
02:15-02:45	.3 7.7	nd 1014.1	- 0.	- 317.	-	nd	nd	nd	nd	.000
02:30-03:00	.3 7.4	nd 1014.1	- 0.	- 328.	-	nd	nd	nd	nd	.000
02:45-03:15	.3 7.0	nd 1014.1	- 0.	- 335.	-	nd	nd	nd	nd	.000
03:00-03:30	.3 6.9	nd 1014.4	- 0.	- 128.	-	nd	.01	nd	nd	.000
03:15-03:45	.3 6.9	nd 1014.8	- 0.	- 294.	-	nd	.01	nd	nd	.000
03:30-04:00	.3 6.6	nd 1014.9	- 0.	- 296.	-	nd	.01	nd	nd	.000
03:45-04:15	.3 6.5	nd 1015.0	- 0.	- 292.	-	nd	nd	nd	nd	.000
04:00-04:30	.3 6.4	nd 1015.0	- 0.	- 132.	-	nd	nd	nd	nd	.000



Time	CO Temp	TRS Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
04:15-04:45	.3 6.1	nd 1015.0	- 0.	- 273.	-	nd	nd	nd	nd	.000
04:30-05:00	.3 5.9	nd 1015.0	- 0.	- 301.	-	nd	nd	nd	nd	.020
04:45-05:15	.3 5.6	nd 1015.0	- 1.	- 305.	-	nd	nd	nd	nd	.000
05:00-05:30	.3 5.4	nd 1015.5	- 1.	- 306.	-	nd	nd	nd	nd	.000
05:15-05:45	.3 5.9	nd 1016.0	- 0.	- 301.	-	nd	nd	nd	nd	.001
05:30-06:00	.3 7.3	nd 1016.0	- 0.	- 298.	-	nd	nd	nd	nd	.000
05:45-06:15	.3 8.9	nd 1016.0	- 0.	- 134.	-	nd	nd	nd	nd	.025
06:00-06:30	.4 10.1	nd 1016.2	- 0.	- 130.	-	nd	nd	nd	nd	.008
06:15-06:45	.4 10.5	nd 1016.6	- 1.	- 298.	-	nd	nd	nd	nd	.011
06:30-07:00	.3 10.9	nd 1016.9	- 4.	- 298.	-	nd	nd	nd	nd	.015
06:45-07:15	.3 12.3	nd 1017.0	- 6.	- 298.	-	nd	nd	nd	nd	.019
07:00-07:30	.3 13.8	nd 1017.0	- 8.	- 296.	-	nd	nd	nd	nd	.024
07:15-07:45	.3 14.5	nd 1017.0	- 9.	- 296.	-	nd	nd	nd	nd	.029
07:30-08:00	.3 14.8	nd 1017.0	- 11.	- 303.	-	nd	nd	nd	nd	.030
07:45-08:15	.6 14.9	nd 1017.0	- 13.	- 308.	-	nd	nd	nd	nd	.037

Statistics	CO Temp	TRS Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
Units	ppm d C	ppm mbar-msl	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	ppm	W/cm^2
Arith. Mean	.36 12.6	.0010 1014.7	- -	- -	-	.007	.007	.005	.005	.0129
Std. Dev.	.16 5.3	.0001 1.0	- -	- -	-	.005	.004	.002	.004	.0193
Geo. Mean	.34 -	.0010 -	- -	- -	-	.006	.006	.005	.004	-
Geo.Std.Dev	1.30 -	1.0747 -	- -	- -	-	1.616	1.527	1.247	2.176	-
Min Reading	.21 5.2	.0010 1014.0	- .0	- 69.5	-	.005	.005	.005	.002	.0020
Max Reading	2.13 21.5	.0021 1017.0	- 42.1	- 332.8	-	.037	.018	.024	.014	.0740
Min Average	.27 5.4	.0010 1014.0	- .0	- 121.8	-	.005	.005	.005	.002	.0000
Max Average	.67 21.1	.0014 1017.0	- 34.6	- 335.1	-	.024	.015	.013	.011	.0631
Valid Rdgs	198. 198.	198. 198.	0. 198.	0. 198.	0.	198.	198.	198.	198.	198.

- Invalid Data / Not Calculated

nd Average is less than Min. Detectable Level

m One or more readings Missing

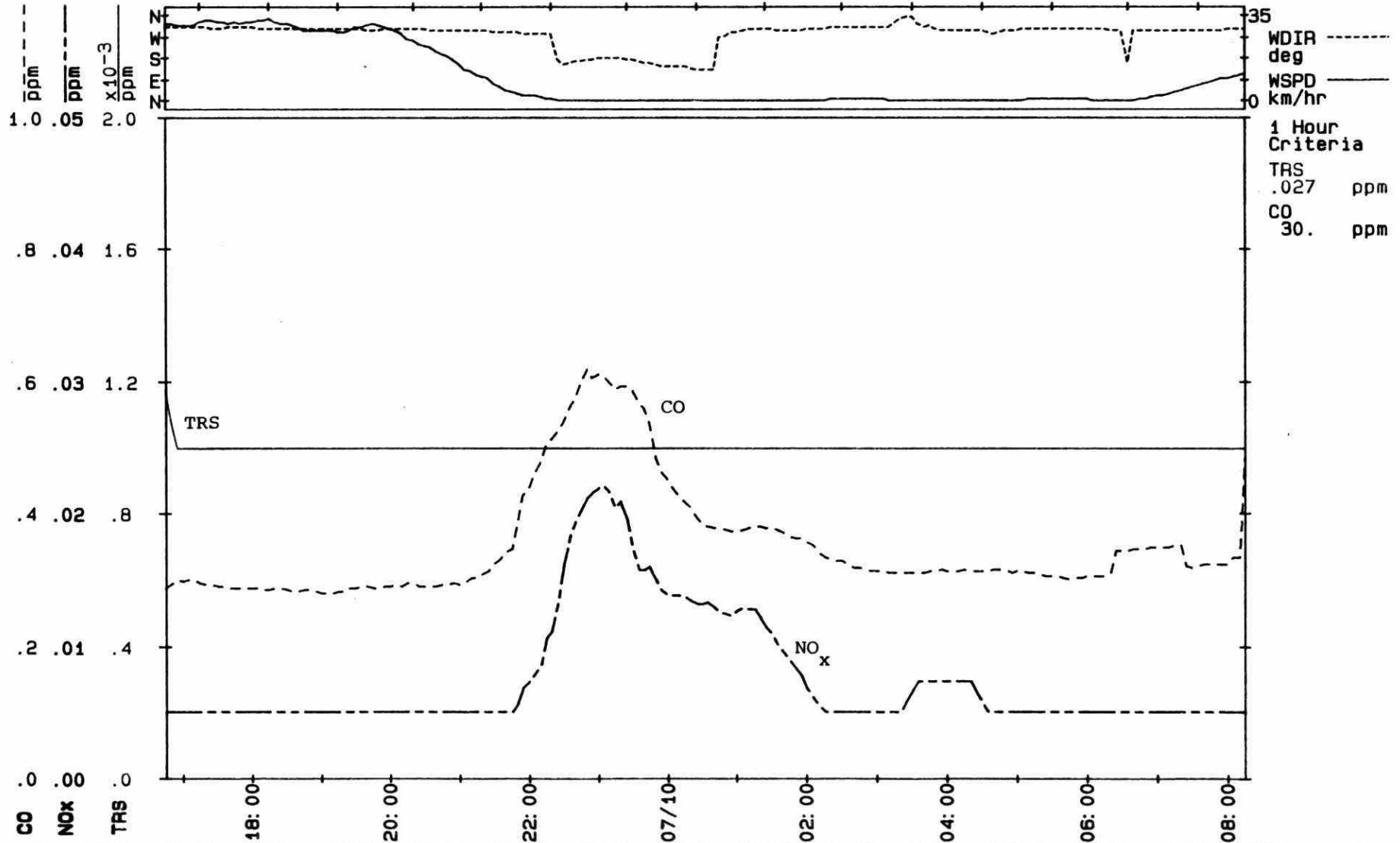
Percent Valid Data Required for Valid Average: 90.0 %

Averaging Started at Nearest: .0 min

# DRYDEN\_85: A092

Start: 85/07/09 15:45 Scan: 300 sec. Ave: 60.00 min.  
 Loc: Overnight and upwind at MNR building

.058		.045		.026		.012		.001		.000		.000		.000		.000		.000		.000		.006		.021		SRAD	W/cm^2				
21		21		20		18		15		12		10		9		9		8		7		7		6		9		13		TEMP	d C
1015		1014		1014		1014		1014		1014		1014		1014		1014		1014		1015		1015		1016		1017		HUM	%-rel		
																												BAR	mbar-msl		



DRYDEN SURVEY-85

MONITORING PERIOD	A091	A091	A091	A091	NAMU01 JULY 9/85
TIME	1106-1136	1141-1211	1251-1321	1413-1443	
PROPANE					
PROPADIENE					
PROPYNE					
CHLOROMETHANE					
CYCLOPROPANE					
2-METHYLPROPANE	0.34	1.28	1.28		
CHLOROETHENE					
1-BUTENE					
1,3-BUTADIENE					
BUTANE	0.38	1.35	1.30		
1-BUTYNE	0.13				
CHLOROETHANE					
3-METHYL-1-BUTENE					
2-METHYLBUTANE	0.39	0.67	1.24		
1-PENTENE					
PENTANE	0.27	0.32	0.85		
2-METHYL-1,3-BUTADIENE		2.03	1.62		
TRANS-2-PENTENE **	0.11	0.58	0.41		
CIS-2-PENTENE **		1.55	0.39		
DICHLOROMETHANE					
2-METHYL-2-BUTENE	0.36	0.56	0.65		
3-CHLOROPROPENE					
2,2-DIMETHYLBUTANE					
4-METHYL-1-PENTENE					
3-METHYL-1-PENTENE					
CYCLOPENTANE					
2,3-DIMETHYLBUTANE					
2-METHYLPENTANE	0.65	0.40	0.48		
3-METHYLPENTANE	0.30	0.13	0.17		
1-HEXENE					
CIS-1,2-DICHLOROETHENE	0.80				
2-CHLOROBUTANE	2.09				
HEXANE	0.95	0.31	0.32	0.18	
TRICHLOROMETHANE					
TRANS-3-HEXENE					
3-CHLORO-2-METHYLPROPENE					
METHYLCYCLOPENTANE	0.14				
1,2-DICHLOROETHANE	0.45				
1,1,1-TRICHLOROETHANE					
1-CHLOROBUTANE	0.20				
BENZENE	13.09	2.05	2.37	6.18	
TETRACHLOROMETHANE					
CYCLOHEXANE					
2,3-DIMETHYLPENTANE				0.34	
2-METHYLHEXANE	2.41	0.35	0.32		
CYCLOHEXENE					
3-METHYLHEXANE	1.54	0.20	0.16		
1,2-DICHLOROPROPANE					
2,3-DICHLOROPROPENE					
TRICHLOROETHENE					
2,2,4-TRIMETHYLPENTANE	1.12	0.18	0.17		

1-HEPTENE				
HEPTANE	1.66	0.27	0.29	
1-CHLORO-3-METHYLBUTANE				
TRANS-2-HEPTENE	0.16			
METHYLCYCLOHEXANE	0.36			
4-METHYLCYCLOHEXENE	0.27			
2,5-DIMETHYLHEXANE	0.19			
1-CHLOROPENTANE				
1,1,2-TRICHLOROETHANE				
TOLUENE	7.15	1.58	0.96	2.02
1,3-DICHLOROPROPANE				
2-METHYLHEPTANE				
4-METHYLHEPTANE	0.33		0.13	
3-METHYLHEPTANE	0.60			
1,2-DIBROMOETHANE				
1-OCTENE				
TRANS-1,2-DIMETHYLCYCLOHEXANE				
TRANS-4-OCTENE				
TETRACHLOROETHENE				
2-METHYL-1-HEPTENE	0.57	0.23	0.32	
OCTANE	0.16	0.26	0.35	1.43
2-OCTENE				
CIS-1,2-DIMETHYLCYCLOHEXANE	0.56		0.45	
CHLOROBENZENE	0.19			
ETHYLCYCLOHEXANE **	0.12			
PROPYLCYCLOPENTANE **	0.18			
1-CHLOROHEXANE				
ETHYLBENZENE	3.27	0.26	0.28	0.31
m/p-XYLENE	3.96	1.20	1.23	2.03
4-METHYLOCTANE				0.23
2-METHYLOCTANE				
STYRENE	2.09			
1,4-DICHLOROBUTANE				
O-XYLENE	1.17	0.26	0.41	0.36
1,1,2,2-TETRACHLOROETHANE				
1,2,3-TRICHLOROPROPANE				
1-NONENE				
NONANE	0.35	0.17	0.40	0.33
ISOPROPYLBENZENE				
2-CHLOROTOLUENE				
3-CHLOROTOLUENE				
PROPYLBENZENE	0.19			
4-CHLOROTOLUENE				0.27
3-ETHYLTOLUENE	0.36	0.32	0.30	0.26
4-ETHYLTOLUENE				
1,3,5-TRIMETHYLBENZENE	0.85	0.96	1.22	0.91
2-ETHYLTOLUENE	0.33			
tert-BUTYLBENZENE **	0.75	0.97	1.07	0.77
1,2,4-TRIMETHYLBENZENE **	1.31			
1,3-DICHLOROBENZENE				
1-DECENE				
(CHLOROMETHYL) BENZENE				
1,5-DICHLOROPENTANE				
DECANE	0.82	0.76	1.03	0.88
sec-BUTYLBENZENE				
3-(CHLOROMETHYL) HEPTANE				
1,2,3-TRIMETHYLBENZENE	0.23			
1-ISOPROPYL-4-METHYLBENZENE	54.87	27.54	39.29	82.77
1,2-DICHLOROBENZENE				
INDAN	1.10			
BUTYLCYCLOHEXANE				
1,3-DIETHYLBENZENE				
1,4-DIETHYLBENZENE **				
BUTYLBENZENE **				
1,2-DIETHYLBENZENE				
UNDECANE	0.68	0.42	0.68	0.84

DECAHYDRONAPHTHALENE	1.41	1.91	2.69	3.61
1235-TETRAMETHYLBENZENE				
1234-TETRAMETHYLBENZENE				
1234-TETRAHYDRONAPHTHALENE				
1,4-DIISOPROPYLBENZENE				
DODECANE	1.49	1.16	1.27	1.34

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Total # of compounds identified	52.00	28.00	31.00	20.00
Total # of peaks	99.00	83.00	86.00	79.00
Total area of peaks	4055.01	2278.18	2884.68	3973.06
Area of identified peaks	1720.01	1429.13	1833.82	2845.93
Area % identified peaks	42.42	62.73	63.57	71.63

Total hydrocarbons ug/m3:	113.45	50.23	64.10	105.06
Alkanes ug/m3	14.63	7.96	10.44	5.57
Cycloalkanes ug/m3	1.36	0.27	0.45	0.00
Alkenes ug/m3	1.20	4.72	3.39	0.00
Cycloalkenes ug/m3	0.27	0.00	0.00	0.00
Alkynes ug/m3	0.13	0.00	0.00	0.00
Aromatics ug/m3	92.13	36.79	49.82	99.22
Chlorinated alkanes ug/m3	2.93	0.00	0.00	0.00
Chlorinated alkenes ug/m3	0.80	0.00	0.00	0.00
Chlorinated aromatics ug/m3	0.19	0.00	0.00	0.27
Toluene:Ethylbenzene	2.19	6.08	3.43	6.52
Benzene:Ethylbenzene	4.00	7.88	8.46	19.94
Xylenes:Ethylbenzene	1.57	5.62	5.86	7.71
Ethylbenzene:Ethylbenzene	1.00	1.00	1.00	1.00

--AMBIGUOUS IDENTIFICATION ON BOTH COLUMNS

DRYDEN\_85: A102

Start: 85/07/10 10:16 Scan: 60 sec  
 Average: 30.00 min Report: 10.00 min  
 Loc: 1st little park on West River Road and in front of GLFPL

Time	CO Temp	TRS Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
10:16-10:46	- 17.9	.154 1014.8	1.73 27.	- 345.	-	.04	.02	.03	.005	.039
10:26-10:56	- 17.6	.133 1014.8	1.62 28.	- 345.	-	.04	.01	.03	.004	.046
10:36-11:06	- 17.5	.041 1014.7	1.68 26.	- 345.	-	.04	.01	.03	.005	.054
10:46-11:16	- 17.6	.026 1014.6	1.67 27.	- 345.	-	.04	.01	.03	.005	.058
10:56-11:26	- 17.9	.021 1014.5	1.64 28.	- 348.	-	.04	nd	.03	.005	.064
11:06-11:36	- 17.9	.015 1014.3	1.57 30.	- 349.	-	.03	nd	.02	.005	.061
11:16-11:46	- 18.1	.008 1014.2	1.51 31.	- 350.	-	.02	nd	.01	.006	.076
11:26-11:56	- 18.6	.006 1014.1	1.55 31.	- 350.	-	.01	nd	.01	.006	.078
11:36-12:06	- 18.6	.005 1014.1	1.51 31.	- 352.	-	.01	nd	nd	.006	.086
11:46-12:16	- 18.5	.004 1014.0	1.47 31.	- 357.	-	nd	nd	nd	.005	.076
11:56-12:26	- 18.4	.010 1013.9	1.52 30.	- 356.	-	.02	nd	.01	.005	.070

Statistics	CO Temp	TRS Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
Units	ppm d C	ppm mbar-msl	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	ppm	W/cm^2
Arith. Mean	- 18.1	.0445 1014.3	1.636 -	- -	-	.029	.011	.020	.005	.0612
Std. Dev.	- .7	.0838 .4	.287 -	- -	-	.021	.009	.012	.002	.0315
Geo. Mean	- -	.0128 -	1.614 -	- -	-	.021	.008	.016	.005	-
Geo. Std. Dev	- -	4.9041 -	1.172 -	- -	-	2.458	1.996	1.994	1.542	-
Min Reading	- 16.2	.0010 1013.8	1.344 .0	- .2	-	.005	.005	.005	.002	.0130
Max Reading	- 19.4	.3065 1015.2	2.836 43.6	- 359.3	-	.109	.039	.076	.011	.1137
Min Average	- 17.5	.0038 1013.9	1.474 26.3	- 344.9	-	.009	.005	.008	.004	.0392
Max Average	- 18.6	.1538 1014.8	1.726 31.3	- 357.1	-	.045	.019	.029	.006	.0859
% Valid Rdgs	0. 136.	136. 136.	136. 136.	0. 136.	0.	136.	136.	136.	136.	136.

- Invalid Data / Not Calculated

nd Average is less than Min. Detectable Level

m One or more readings Missing

Percent Valid Data Required for Valid Average: 90.0 %

Averaging Started at Nearest: .0 min

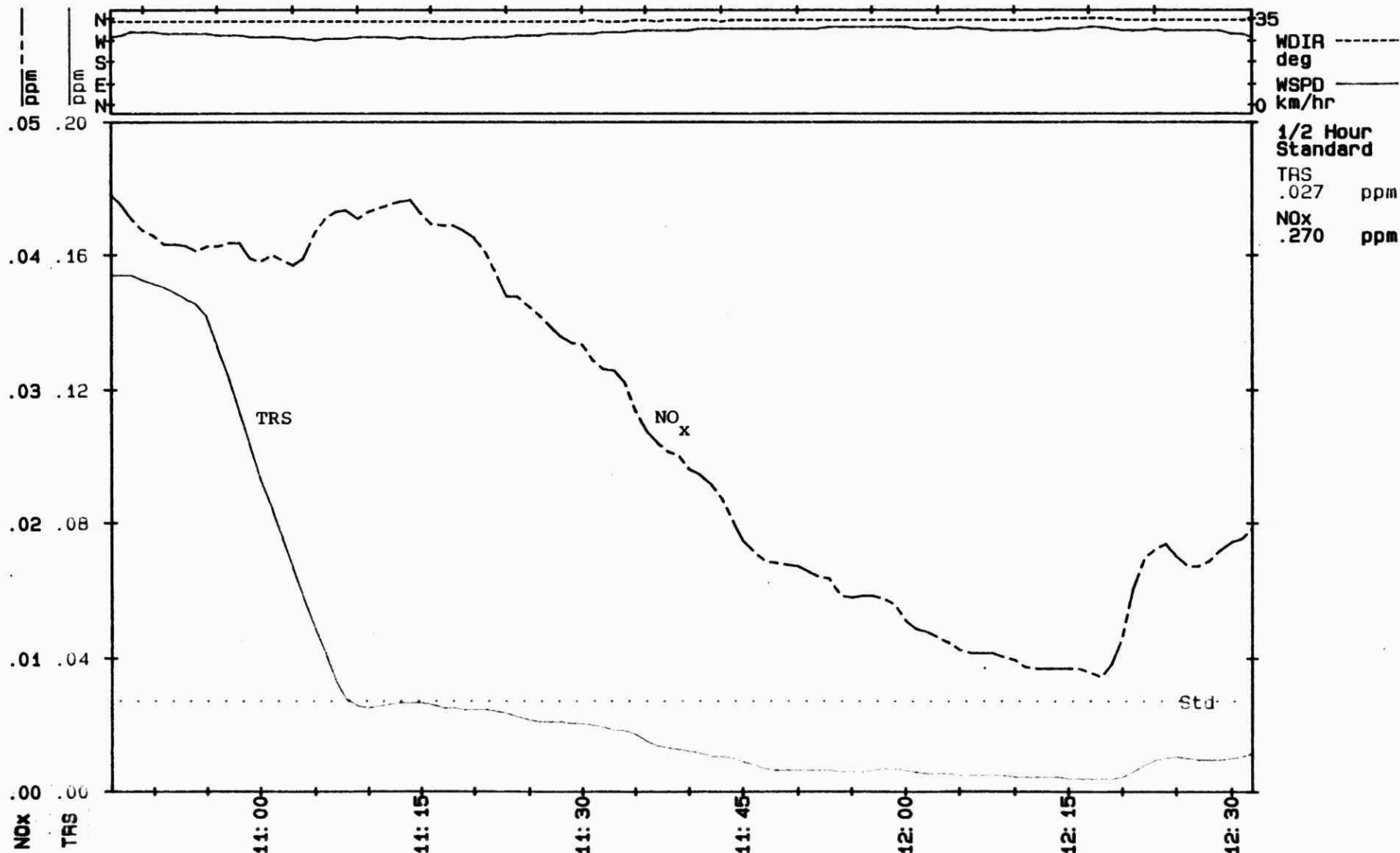


# DRYDEN\_85: A102

Start: 85/07/10 10:16 Scan: 60 sec. Ave: 30.00 min.  
 Loc: 1st little park on West River Road and in front of GLFPL

.039	.046	.055	.052	.058	.064	.064	.061	.070	.084	.077	.085	.081	.076	.071
18	18	17	17	18	18	18	18	18	18	19	19	19	18	18
1015	1015	1015	1015	1015	1015	1014	1014	1014	1014	1014	1014	1014	1014	1014

SRAD W/cm<sup>2</sup>  
 TEMP d C  
 HUM %rel  
 BAR mbar-msl



DRYDEN\_85 : A103

Start: 85/07/10 12:41 Scan: 60 sec  
 Average: 30.00 min Report: 10.00 min  
 Loc: Victoria Street & Riverview Drive...at Town dock

Time	CO Temp	TRS Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
12:41-13:11	.6 18.7	.019 1014.8	1.72 23.	- 336.	-	.02	nd	.02	.006	.058
12:51-13:21	.6 19.2	.015 1014.8	1.72 21.	- 328.	-	.02	nd	.02	.006	.075
13:01-13:31	.5 19.7	.013 1014.8	1.72 20.	- 322.	-	.02	nd	.01	.007	.083
13:11-13:41	.4 20.2	.008 1014.7	1.66 20.	- 323.	-	.01	nd	.01	.006	.087
13:21-13:51	.4 19.6	.005 1014.5	1.64 22.	- 314.	-	.01	nd	.01	.006	.067
13:31-14:01	.3 19.0	.005 1014.5	1.70 24.	- 316.	-	.01	nd	.01	.006	.044
13:41-14:11	.3 18.4	.004 1014.5	1.73 23.	- 313.	-	nd	nd	nd	.007	.038
13:51-14:21	.3 18.6	.005 1014.6	1.77 22.	- 323.	-	nd	nd	nd	.007	.042
14:01-14:31	.4 18.9	.013 1014.5	1.83 23.	- 324.	-	.01	nd	.01	.007	.049
14:11-14:41	.5 19.2	.019 1014.0	1.86 24.	- 325.	-	.02	nd	.01	.007	.070
14:21-14:51	.6 19.1	.020 1013.4	1.78 24.	- 326.	-	.02	nd	.02	.007	.075
14:31-15:01	.6 18.9	.019 1012.7	1.72 23.	- 324.	-	.02	nd	.02	.007	.076
14:41-15:11	1.0 18.6	.033 1012.4	1.81 24.	- 332.	-	.03	.01	.02	.007	.060
14:51-15:21	1.0 18.6	.039 1012.3	1.90 24.	- 331.	-	.03	.01	.02	.007	.061
15:01-15:31	.9 18.5	.035 1012.2	1.87 26.	- 329.	-	.03	.01	.02	.008	.060
15:11-15:41	.6 18.6	.016 1012.2	1.72 26.	- 321.	-	.02	nd	.02	.008	.069

Time	CO Temp	TRS Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
15:21-15:51	.5 18.6	.015 1012.2	1.75 27.	- 322.	-	.02	nd	.02	.007	.057
15:31-16:01	.6 18.6	.022 1012.2	1.83 25.	- 324.	-	.03	nd	.02	.007	.057

Statistics	CO Temp	TRS Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
Units	ppm d C	ppm mbar-msl	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	ppm	W/cm <sup>2</sup>
Arith. Mean	.57 18.9	.00178 1013.6	1.767 -	- -	-	.0019	.0008	.0015	.007	.0026
Std. Dev.	.40 .7	.00178 1.2	.254 -	- -	-	.0015	.0006	.007	.002	.0301
Geo. Mean	.48 -	.00109 -	1.750 -	- -	-	.0014	.0006	.0014	.006	-
Geo. Std. Dev	1.75 -	2.8772 -	1.149 -	- -	-	2.315	1.665	1.732	1.376	-
Min Reading	.22 17.9	.0010 1011.2	1.350 4.4	- .7	-	.0005	.0005	.0005	.002	.0203
Max Reading	2.38 21.1	.0036 1014.8	2.699 39.8	- 359.8	-	.004	.004	.002	.015	.1269
Min Average	.31 18.4	.0040 1012.2	1.636 19.5	- 313.2	-	.009	.005	.009	.006	.0301
Max Average	1.02 20.2	.00390 1014.8	1.900 26.8	- 336.0	-	.003	.004	.002	.008	.0872
Valid Rdgs	200. 200.	200. 200.	200. 200.	0. 200.	0.	200.	200.	200.	200.	200.

- Invalid Data / Not Calculated

nd Average is less than Min. Detectable Level

m One or more readings Missing

Percent Valid Data Required for Valid Average: 90.0 %

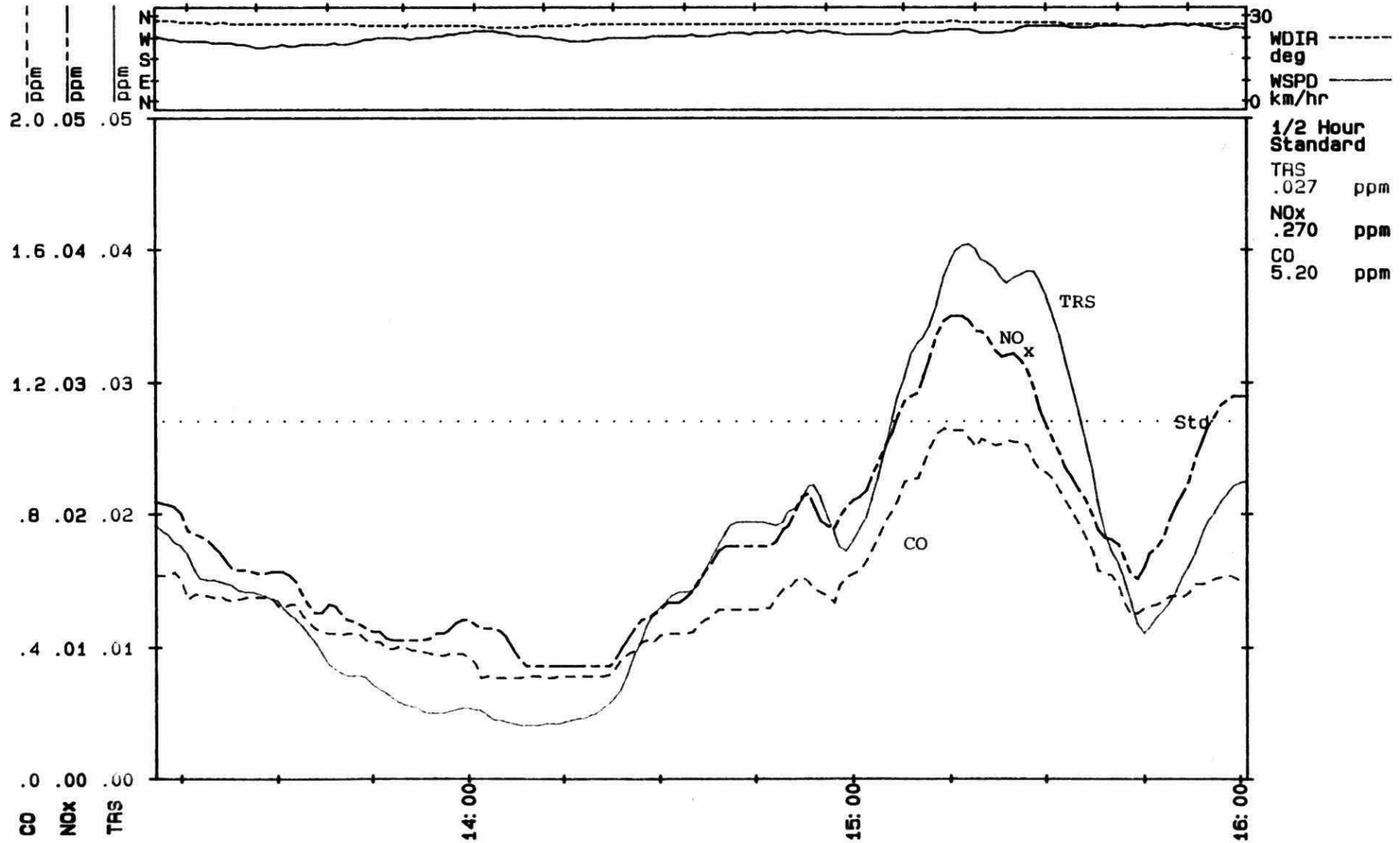
Averaging Started at Nearest: .0 min

# DRYDEN\_85: A103

Start: 85/07/10 12:41 Scan: 60 sec. Ave: 30.00 min.  
 Loc: Victoria Street & Riverview Drive...at Town dock

															SRAD	W/cm^2
															TEMP	d C
															HUM	%-rel
															BAR	mbar-msl
.074	.079	.093	.069	.044	.030	.042	.052	.076	.079	.063	.058	.059	.069	.057		
19	19	20	20	19	18	19	19	19	19	19	19	18	19	19		
69	67	65	67	70	74	72	71	70	73	74	75	80	84	87		
1015	1015	1015	1014	1014	1014	1015	1014	1014	1013	1012	1012	1012	1012	1012		

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DRYDEN\_85 : A104

Start: 85/07/10 16:21 Scan: 300 sec  
 Average: 30.00 min Report: 15.00 min  
 Loc: Overnight monitoring at MNR building

Time	CO Temp	TRS Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
16:21-16:51	- 20.3	nd 1013.9	1.24 33.	- 320.	-	nd	nd	nd	.008	.057
16:36-17:06	- 19.5	nd 1014.0	1.27 35.	- 323.	-	nd	nd	nd	.009	.039
16:51-17:21	- 19.2	nd 1014.0	1.28 34.	- 321.	-	nd	nd	nd	.008	.040
17:06-17:36	- 19.3	nd 1014.0	1.28 30.	- 321.	-	nd	nd	nd	.009	.045
17:21-17:51	- 20.0	nd 1014.0	1.29 31.	- 320.	-	nd	nd	nd	.009	.050
17:36-18:06	- 20.2	nd 1013.9	1.29 28.	- 330.	-	nd	nd	nd	.008	.048
17:51-18:21	- 19.3	nd 1013.9	1.28 22.	- 342.	-	nd	nd	nd	.008	.034
18:06-18:36	- 18.7	nd 1013.9	1.27 24.	- 345.	-	nd	nd	nd	.009	.027
18:21-18:51	- 18.6	nd 1013.9	1.26 25.	- 343.	-	nd	nd	nd	.008	.027
18:36-19:06	- 18.2	nd 1014.0	1.25 19.	- 342.	-	nd	nd	nd	.008	.020
18:51-19:21	- 17.7	nd 1014.0	1.26 11.	- 343.	-	nd	nd	nd	.008	.011
19:06-19:36	- 17.8	nd 1014.0	1.26 9.	- 335.	-	nd	nd	nd	.007	.014
19:21-19:51	- 17.8	nd 1014.0	1.25 14.	- 333.	-	nd	nd	nd	.007	.012
19:36-20:06	- 17.0	nd 1014.0	1.26 15.	- 334.	-	nd	nd	nd	.007	.006
19:51-20:21	- 16.3	nd 1014.0	1.25 9.	- 336.	-	nd	nd	nd	.007	.006
20:06-20:36	- 16.2	nd 1014.0	1.26 4.	- 342.	-	nd	nd	nd	.007	.005

Time	CO	Temp	TR5	THC	Non-CH4	Methane	NOx	NO2	NO	Ozone	SolarRad
20:21-20:51	-	16.0	nd	1.28	-	-	nd	nd	nd	.007	.003
20:36-21:06	-	15.4	nd	1.29	-	-	nd	nd	nd	.007	.001
20:51-21:21	-	14.7	nd	1.29	-	-	nd	nd	nd	.006	.000
21:06-21:36	-	13.5	nd	1.29	-	-	nd	nd	nd	.000	.000
21:21-21:51	-	11.9	nd	1.31	-	-	nd	nd	nd	.000	.000
21:36-22:06	-	10.6	nd	1.36	-	-	nd	nd	nd	.000	.000
21:51-22:21	-	9.6	nd	1.41	-	-	nd	nd	nd	.000	.000
22:06-22:36	-	9.1	nd	1.39	-	-	nd	nd	nd	.000	.000
22:21-22:51	-	8.9	nd	1.38	-	-	nd	nd	nd	.000	.000
22:36-23:06	-	8.5	nd	1.40	-	-	nd	nd	nd	.003	.003
22:51-23:21	-	8.1	nd	1.43	-	-	nd	nd	nd	.000	.000
23:06-23:36	-	7.8	nd	1.42	-	-	nd	nd	nd	.000	.000
23:21-23:51	-	7.6	nd	1.43	-	-	nd	nd	nd	.000	.000
23:36-00:06	-	7.3	nd	1.44	-	-	nd	nd	nd	.000	.000
23:51-00:21	-	7.0	nd	1.46	-	-	nd	nd	nd	.000	.000
00:06-00:36	-	6.6	nd	1.56	-	-	nd	nd	nd	.000	.000
00:21-00:51	-	6.3	nd	1.61	-	-	nd	nd	nd	.000	.000

Time	CO Temp	TRS Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
00:36-01:06	- 6.1	nd 1015.0	1.57 0.	- 234.	-	.02	nd	.02	nd	.000
00:51-01:21	- 6.1	nd 1015.0	1.59 0.	- 232.	-	.02	nd	.01	nd	.000
01:06-01:36	- 6.1	.003 1015.0	1.61 0.	- 215.	-	.02	nd	.01	nd	.000
01:21-01:51	- 5.8	.005 1015.0	1.62 0.	- 225.	-	.02	nd	.02	nd	.000
01:36-02:06	- 5.5	.007 1015.0	1.64 0.	- 223.	-	.02	nd	.02	nd	.000
01:51-02:21	- 5.4	.008 1015.3	1.67 0.	- 246.	-	.01	nd	.01	nd	.000
02:06-02:36	- 5.4	.008 1015.7	1.66 0.	- 177.	-	.01	nd	nd	nd	.000
02:21-02:51	- 5.5	.005 1015.9	1.65 0.	- 126.	-	.02	nd	.01	nd	.000
02:36-03:06	- 5.8	.003 1016.0	1.75 0.	- 125.	-	.03	nd	.03	nd	.000
02:51-03:21	- 6.0	.002 1016.0	1.79 0.	- 133.	-	.03	nd	.03	nd	.000
03:06-03:36	- 6.2	.002 1016.0	1.71 0.	- 143.	-	.02	nd	.02	nd	.000
03:21-03:51	- 6.4	nd 1016.0	1.72 0.	- 148.	-	.02	nd	.01	nd	.000
03:36-04:06	- 6.8	nd 1016.1	1.73 0.	- 137.	-	.02	nd	.02	nd	.000
03:51-04:21	- 7.1	nd 1016.5	1.65 0.	- 142.	-	.03	nd	.02	nd	.000
04:06-04:36	- 7.3	nd 1016.9	1.57 0.	- 280.	-	.03	nd	.03	nd	.000
04:21-04:51	- 7.3	nd 1017.0	1.50 0.	- 291.	-	.03	nd	.02	nd	.000
04:36-05:06	- 7.4	nd 1017.0	1.47 0.	- 219.	-	.03	nd	.02	nd	.000



Time	CO Temp	TRS Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
04:51-05:21	- 7.4	nd 1017.0	1.72 0.	- 155.	-	.02	nd	nd	nd	.000
05:06-05:36	- 7.3	nd 1017.0	2.34 0.	- 143.	-	.01	nd	nd	nd	.000
05:21-05:51	- 7.8	nd 1017.1	2.03 1.	- 304.	-	nd	nd	nd	nd	.301
05:36-06:06	- 8.9	nd 1017.5	1.37 1.	- 304.	-	nd	nd	nd	nd	.024
05:51-06:21	- 10.1	nd 1017.9	1.39 0.	- 286.	-	nd	nd	nd	nd	.306
06:06-06:36	- 10.6	nd 1018.0	1.41 0.	- 135.	-	nd	nd	nd	nd	.009
06:21-06:51	- 10.8	nd 1018.0	1.40 0.	- 185.	-	nd	nd	nd	nd	.212
06:36-07:06	- 12.2	nd 1018.0	1.37 0.	- 306.	-	nd	nd	nd	nd	.015
06:51-07:21	- 14.1	nd 1018.0	1.33 1.	- 310.	-	nd	nd	nd	nd	.319
07:06-07:36	- 15.3	nd 1018.0	1.31 2.	- 309.	-	nd	nd	nd	.005	.024
07:21-07:51	- 16.1	nd 1018.0	1.31 3.	- 302.	-	nd	nd	nd	.005	.028
07:36-08:06	- 17.0	nd 1018.0	1.32 4.	- 299.	-	nd	nd	nd	.005	.033
07:51-08:21	- 17.4	nd 1018.0	1.32 7.	- 299.	-	nd	nd	nd	.006	.038
08:06-08:36	- 17.6	nd 1018.0	1.32 11.	- 301.	-	nd	nd	nd	.006	.042

Statistics	CO Temp	TRS Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
Units	ppm d C	ppm mbar-msl	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	ppm	W/cm <sup>2</sup>
Arith. Mean	- 11.0	.0016 1015.5	1.447 -	- -	-	.014	.005	.012	.004	.0116
Std. Dev.	- 5.2	.0016 1.5	.344 -	- -	-	.016	.002	.013	.003	.0180
Geo. Mean	- -	.0013 -	1.425 -	- -	-	.010	.005	.009	.003	-
Geo. Std. Dev	- -	1.7335 -	1.168 -	- -	-	2.260	1.241	2.345	1.891	-
Min Reading	- 5.3	.0010 1013.7	1.200 .0	- .4	-	.005	.005	.005	.002	.0020
Max Reading	- 21.0	.0094 1018.0	5.356 44.1	- 357.6	-	.138	.020	.119	.010	.0856
Min Average	- 5.4	.0010 1013.9	1.236 .0	- 10.3	-	.005	.005	.005	.002	.0000
Max Average	- 20.3	.0077 1018.0	2.341 34.6	- 350.0	-	.065	.011	.054	.009	.0574
Valid Rdgs	0. 196.	196. 196.	196. 196.	0. 196.	0.	196.	196.	196.	196.	196.

- Invalid Data / Not Calculated

nd Average is less than Min. Detectable Level

m One or more readings Missing

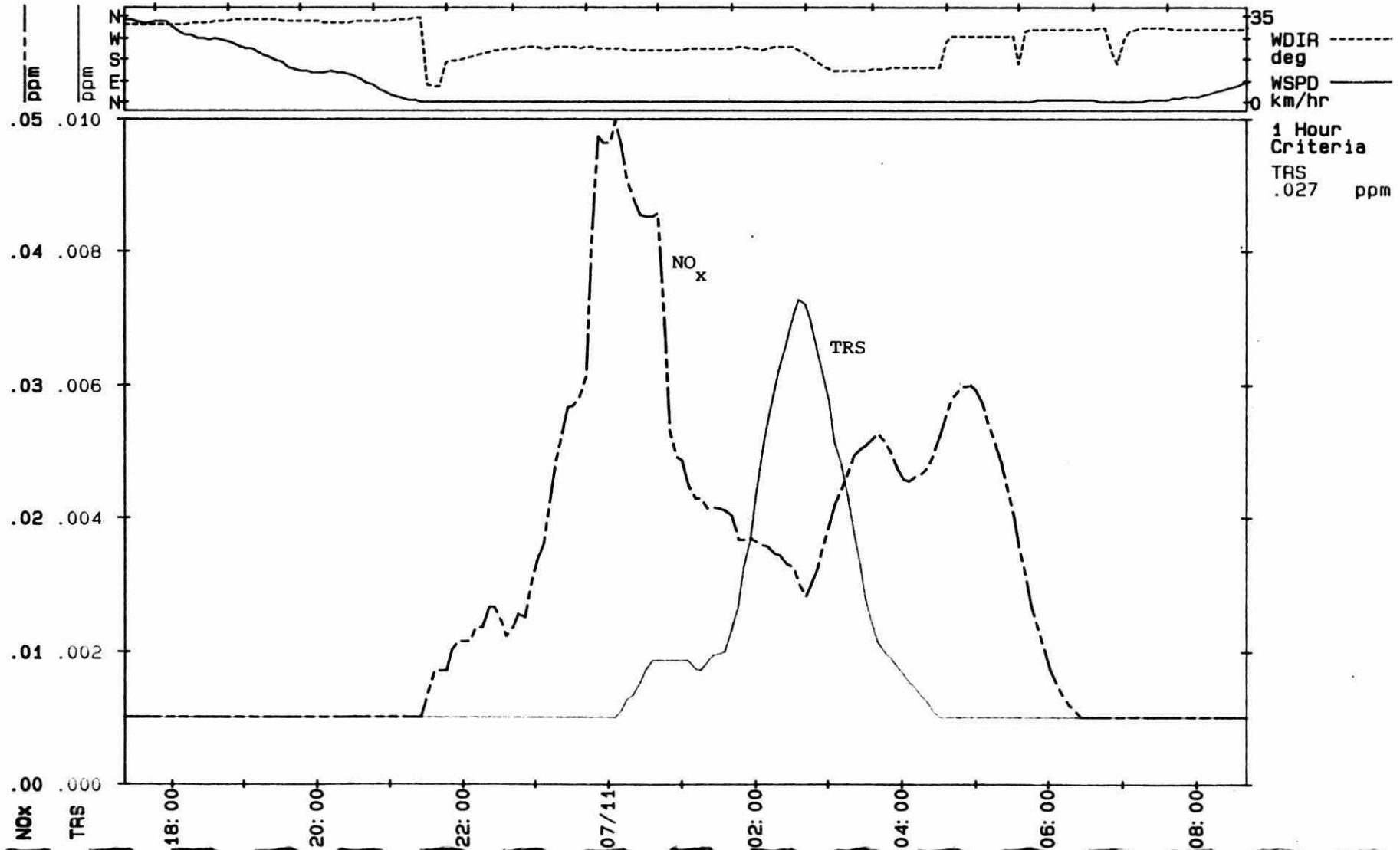
Percent Valid Data Required for Valid Average: 90.0 %

Averaging Started at Nearest: .0 min

# DRYDEN\_85: A104

Start: 85/07/10 16:21 Scan: 300 sec. Ave: 60.00 min.  
Loc: Overnight monitoring at MNR building

														SRAD	W/cm <sup>2</sup>	
														TEMP	d C	
														HUM	%-rel	
														BAR	mbar-msl	
.045	.033	.014	.005	.000	.000	.000	.000	.000	.000	.000	.000	.000	.006	.020		
19	19	18	16	14	10	8	7	6	5	6	7	7	10	14		
1014	1014	1014	1014	1014	1014	1015	1015	1015	1015	1016	1016	1017	1018	1018		



DRYDEN SURVEY-85

MONITORING PERIOD	A102	A102	A103	A103	A103	MANU#1 JULY 10/85
TIME	1016-1046	1119-1149	1227-1257	1350-1420	1518-1548	
PROPANE	2.94	2.25	13.54		2.50	
PROPADIENE						
PROPYNE						
CHLOROMETHANE	0.82					
CYCLOPROPANE						
2-METHYLPROPANE	0.65	0.88	49.17	0.70	2.53	
CHLOROETHENE						
1-BUTENE						
1,3-BUTADIENE						
BUTANE	3.42	3.47	4.41	1.22	2.95	
1-BUTYNE						
CHLOROETHANE						
3-METHYL-1-BUTENE						
2-METHYLBUTANE	2.33	2.26	1.86	0.79	2.00	
1-PENTENE						
PENTANE	1.61	1.41	0.98	0.51	1.37	
2-METHYL-1,3-BUTADIENE	1.68	1.26	1.48	1.87	1.83	
TRANS-2-PENTENE **	0.69	0.46	0.46	0.37	0.64	
CIS-2-PENTENE **	0.74	0.55	0.50	0.37	0.65	
DICHLOROMETHANE						
2-METHYL-2-BUTENE	0.63	0.56	0.57	0.56	0.69	
3-CHLOROPROPENE						
2,2-DIMETHYLBUTANE						
4-METHYL-1-PENTENE						
3-METHYL-1-PENTENE						
CYCLOPENTANE						
2,3-DIMETHYLBUTANE	0.26	0.21			0.22	
2-METHYLPENTANE	0.97	0.78	0.58	0.34	0.88	
3-METHYLPENTANE	0.47	0.35	0.24	0.13	0.35	
1-HEXENE						
CIS-1,2-DICHLOROETHENE						
2-CHLOROBUTANE						
HEXANE	1.11	0.55	0.37	0.25	0.55	
TRICHLOROMETHANE	9.22		8.74		4.35	
TRANS-3-HEXENE						
3-CHLORO-2-METHYLPROPENE	9.56	1.44	7.00	1.77	4.94	
METHYLCYCLOPENTANE	0.37	0.30	0.18	0.11	0.25	
1,2-DICHLOROETHANE						
1,1,1-TRICHLOROETHANE						
1-CHLOROBUTANE						
BENZENE	5.62	1.69	4.30	1.65	3.92	
TETRACHLOROMETHANE						
CYCLOHEXANE						
2,3-DIMETHYLPENTANE						
2-METHYLHEXANE	2.03	0.61	1.72	0.27	0.59	
CYCLOHEXENE						
3-METHYLHEXANE	1.33	0.31	0.47	0.13	0.30	
1,2-DICHLOROPROPANE						
2,3-DICHLOROPROPENE						
TRICHLOROETHENE						
2,2,4-TRIMETHYLPENTANE	1.26	0.51	47.15	0.61	1.06	

1-HEPTENE					
HEPTANE	1.84	0.50	0.43	0.21	0.48
1-CHLORO-3-METHYLBUTANE					
TRANS-2-HEPTENE					
METHYLCYCLOHEXANE	0.37	0.18	0.15		0.17
4-METHYLCYCLOHEXENE	0.28				
2,5-DIMETHYLHEXANE	0.19		7.35	0.11	0.25
1-CHLOROPENTANE					
1,1,2-TRICHLOROETHANE					
TOLUENE	5.25	1.21	1.87	1.19	2.50
1,3-DICHLOROPROPANE					
2-METHYLHEPTANE	0.33	0.11	0.18	1.13	0.12
4-METHYLHEPTANE	0.34	0.12	0.19	1.25	0.13
3-METHYLHEPTANE					
1,2-DIBROMOETHANE					
1-OCTENE					
TRANS-1,2-DIMETHYLCYCLOHEXANE					
TRANS-4-OCTENE					
TETRACHLOROETHENE					
2-METHYL-1-HEPTENE	0.82	0.32	0.24	0.20	0.33
OCTANE					
2-OCTENE					
CIS-1,2-DIMETHYLCYCLOHEXANE	0.12				0.08
CHLOROBENZENE					
ETHYLCYCLOHEXANE **					
PROPYLCYCLOPENTANE **					
1-CHLOROHXANE					
ETHYLBENZENE	2.57	0.36	0.30	0.21	0.38
m/p-XYLENE	3.55	1.50	1.39	1.30	2.06
4-METHYLOCTANE					
2-METHYLOCTANE					
STYRENE	1.12				
1,4-DICHLOROBUTANE					
O-XYLENE	0.99	0.38	0.28	0.19	0.37
1,1,2,2-TETRACHLOROETHANE					
1,2,3-TRICHLOROPROPANE					
1-NONENE					
NONANE	0.42	0.22	0.14	0.20	0.21
ISOPROPYLBENZENE					
2-CHLOROTOLUENE					
3-CHLOROTOLUENE					
PROPYLBENZENE	0.16				
4-CHLOROTOLUENE	0.26	0.38			
3-ETHYLTOLUENE	0.38	0.30	0.25	0.31	
4-ETHYLTOLUENE					
1,3,5-TRIMETHYLBENZENE	1.09	1.28	1.68		2.69
2-ETHYLTOLUENE					
tert-BUTYLBENZENE **	0.67	0.64	0.58	0.73	0.79
1,2,4-TRIMETHYLBENZENE **					
1,3-DICHLOROBENZENE					
1-DECENE					
(CHLOROMETHYL) BENZENE					
1,5-DICHLOROPENTANE					
DECANE	0.91	0.73	0.74	0.87	0.95
sec-BUTYLBENZENE					
3-(CHLOROMETHYL) HEPTANE					
1,2,3-TRIMETHYLBENZENE		0.42		0.37	
ISOPROPYL 4-METHYLBENZENE	30.81	14.20	55.58	26.89	85.61
1,2-DICHLOROBENZENE					
INDAN					
BUTYLCYCLOHEXANE					
1,3-DIETHYLBENZENE					
1,4-DIETHYLBENZENE **					
BUTYLBENZENE **					
1,2-DIETHYLBENZENE					
UNDECANE	1.17	0.49	1.17	0.41	0.49

DECAHYDRONAPHTHALENE					
1235-TETRAMETHYLBENZENE					
1234-TETRAMETHYLBENZENE					
1234-TETRAHYDRONAPHTHALENE					
1,4-DIISOPROPYLBENZENE					
DODECANE	2.44	1.58	1.35	0.91	0.49

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Total # of compounds identified	42.00	37.00	35.00	25.00	34.00
Total # of peaks	98.00	86.00	91.00	81.00	96.00
Total area of peaks	3515.39	2094.49	8211.96	2248.22	5028.04
Area of identified peaks	2444.70	1181.96	4774.88	1189.54	3494.35
Area % identified peaks	69.54	56.43	58.15	52.91	69.50

Total hydrocarbons ug/m3:	103.79	44.77	217.59	48.13	130.67
Alkanes ug/m3	23.08	15.09	118.50	10.04	15.92
Cycloalkanes ug/m3	0.86	0.48	0.33	0.11	0.50
Alkenes ug/m3	4.56	3.15	3.25	3.37	4.14
Cycloalkenes ug/m3	0.28	0.00	0.00	0.00	0.00
Alkynes ug/m3	0.00	0.00	0.00	0.00	0.00
Aromatics ug/m3	52.21	21.98	66.23	32.84	98.32
Chlorinated alkanes ug/m3	10.20	0.00	8.74	0.00	4.35
Chlorinated alkenes ug/m3	9.56	1.44	7.00	1.77	4.94
Chlorinated aromatics ug/m3	0.26	0.38	0.00	0.00	0.00

Toluene:Ethylbenzene	2.04	3.36	6.23	5.67	6.58
Benzene:Ethylbenzene	2.19	4.69	14.33	7.86	10.32
Xylenes:Ethylbenzene	1.77	5.22	5.57	7.10	6.39
Ethylbenzene:Ethylbenzene	1.00	1.00	1.00	1.00	1.00

\*\*--AMBIGUOUS IDENTIFICATION ON BOTH COLUMNS

DRYDEN\_85 : A112

Start: 85/07/11 10:51 Scan: 60 sec  
 Average: 30.00 min Report: 10.00 min  
 Loc: Main dock at lagoon

Time	TRS Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad	Temp
10:51-11:21	.029 1016.0	3.48 22.	1.77 288.	1.72	nd	nd	nd	.005	.076	18.5
11:01-11:31	.024 1015.9	3.27 22.	1.56 283.	1.72	nd	nd	nd	.006	.080	18.7
11:11-11:41	.025 1015.7	3.54 22.	1.65 285.	1.90	nd	nd	nd	.006	.082	18.8
11:21-11:51	.021 1015.5	3.41 21.	1.57 283.	1.86	nd	nd	nd	.007	.082	19.0
11:31-12:01	.014 1015.3	3.20 19.	1.43 277.	1.78	nd	nd	.01	.007	.081	19.6
11:41-12:11	.010 1015.1	2.76 20.	1.21 275.	1.56	nd	nd	.01	.007	.084	20.0
11:51-12:21	.015 1014.9	2.87 19.	1.26 284.	1.62	nd	nd	nd	.007	.083	20.2
12:01-12:31	.025 1014.9	2.94 23.	1.29 288.	1.66	nd	nd	nd	.008	.079	19.8

Statistics	TRS Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad	Temp
Units	ppm mbar-msl	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	ppm	W/cm^2	d C
Arith. Mean	.0234 1015.4	3.208 -	1.497 -	1.723	.006	.005	.007	.007	.0000	19.3
Std. Dev.	.0145 .5	.655 -	.418 -	.291	.006	.000	.006	.002	.0112	.8
Geo. Mean	.0188 -	3.151 -	1.448 -	1.704	.005	.005	.006	.006	-	-
Geo.Std.Dev	2.0089 -	1.202 -	1.288 -	1.150	1.439	1.000	1.546	1.416	-	-
Min Reading	.0034 1014.7	2.233 5.3	.872 237.3	1.373	.005	.005	.005	.002	.0291	17.6
Max Reading	.0660 1016.1	6.116 37.1	3.060 336.5	3.735	.045	.005	.041	.011	.0979	21.0
Min Average	.0103 1014.9	2.764 10.8	1.211 274.7	1.563	.005	.005	.005	.005	.0761	18.3
Max Average	.0292 1016.0	3.542 23.5	1.770 288.3	1.904	.009	.005	.010	.008	.0837	20.2
Valid Rdgs	105. 105.	105. 105.	105. 105.	105.	105.	105.	105.	105.	105.	105.

- Invalid Data / Not Calculated

nd Average is less than Min. Detectable Level

m One or more readings Missing

Percent Valid Data Required for Valid Average: 90.0 %

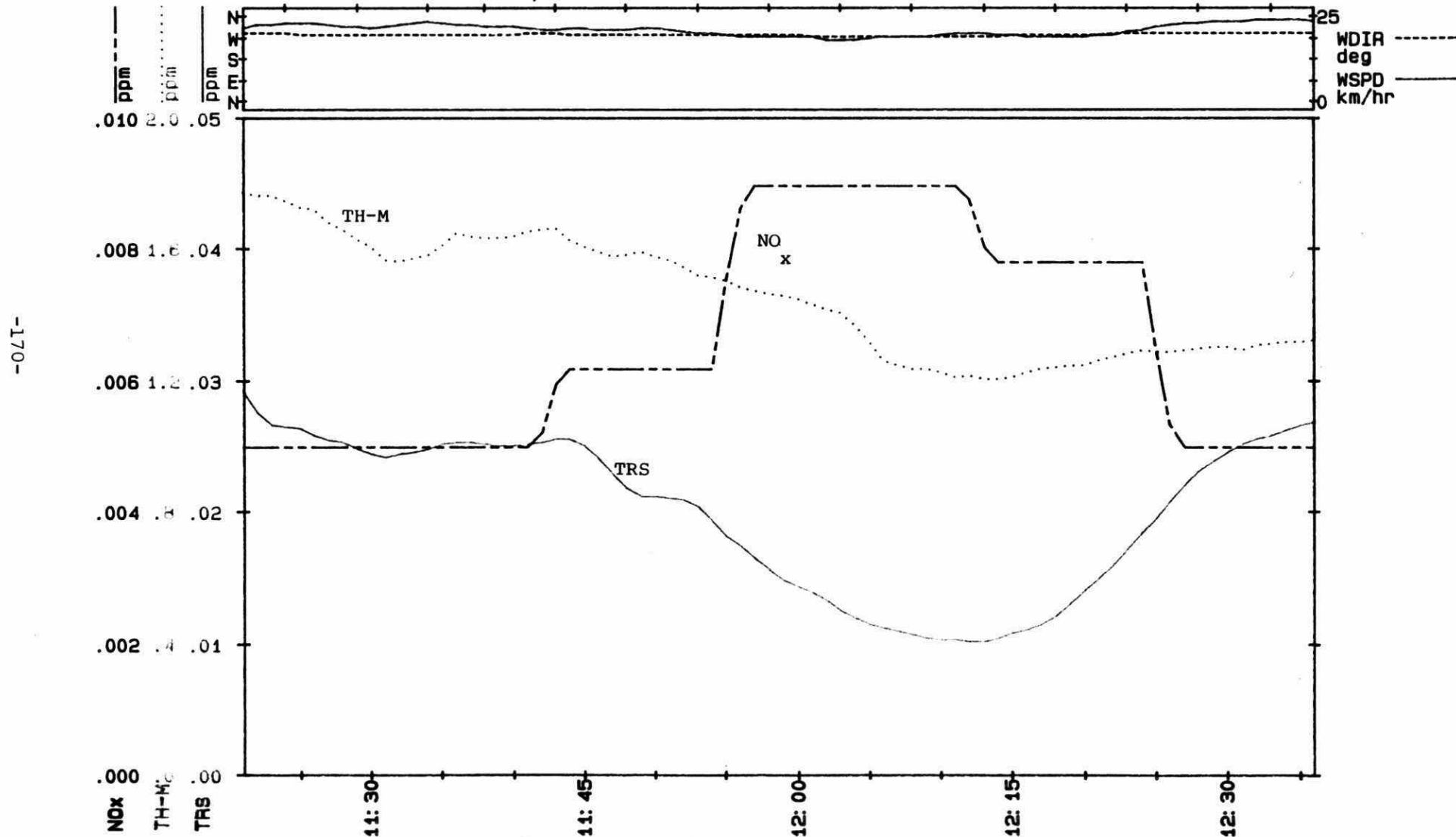
Averaging Started at Nearest: .0 min



# DRYDEN\_85: A112

Start: 85/07/11 10:51 Scan: 60 sec. Ave: 30.00 min.  
Loc: Main dock at lagoon

														SRAD	W/cm^2	
														TEMP	d C	
														HUM	%-rel	
														BAR	mbar-msl	
.077	.079	.081	.081	.082	.082	.082	.081	.082	.083	.084	.086	.080	.078	.079		
19	19	19	19	19	19	19	20	20	20	20	20	20	20	20		
1016	1016	1016	1016	1016	1016	1015	1015	1015	1015	1015	1015	1015	1015	1015		



DRYDEN\_85 : A113

Start: 85/07/11 12:48 Scan: 60 sec  
 Average: 30.00 min Report: 10.00 min  
 Loc: Downwind of main inlet to lagoon

Time	CO Temp	TRS Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
12:48-13:18	.7 22.6	.384 1016.7	4.50 27.	2.72 276.	1.78	nd	nd	nd	.005	.084
12:58-13:28	.7 22.9	.539 1016.5	4.38 31.	2.59 270.	1.78	nd	nd	nd	.004	.277
13:08-13:38	.7 22.3	.496 1016.3	4.12 30.	2.34 266.	1.79	nd	nd	nd	.004	.059
13:18-13:48	.6 21.0	.199 1016.2	3.92 30.	2.15 267.	1.78	nd	nd	nd	.005	.042

Statistics	CO Temp	TRS Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
Units	ppm d C	ppm mbar-msl	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	ppm	W/cm^2
Arith. Mean	.67 21.7	.2670 1016.4	4.175 -	2.391 -	1.786	.005	.005	.006	.005	.0614
Std. Dev.	.09 1.5	.3928 .3	.473 -	.448 -	.102	.001	.000	.002	.001	.0291
Geo. Mean	.66 -	.0948 -	4.151 -	2.354 -	1.783	.005	.005	.006	.004	-
Geo.Std.Dev	1.15 -	3.9989 -	1.114 -	1.190 -	1.058	1.128	1.000	1.385	1.477	-
Min Reading	.50 20.2	.0237 1016.1	3.430 15.5	1.750 232.0	1.593	.005	.005	.005	.002	.0292
Max Reading	.88 24.5	1.2142 1016.9	5.898 45.6	3.996 312.3	2.010	.013	.005	.013	.008	.1103
Min Average	.61 21.0	.1987 1016.2	3.922 26.9	2.145 265.9	1.781	.005	.005	.006	.004	.0415
Max Average	.75 22.9	.5392 1016.7	4.504 30.5	2.717 276.4	1.787	.005	.005	.006	.005	.0838
# Valid Rds	66. 66.	66. 66.	66. 66.	66. 66.	66.	66.	66.	66.	66.	66.

- Invalid Data / Not Calculated

nd Average is less than Min. Detectable Level

m One or more readings Missing

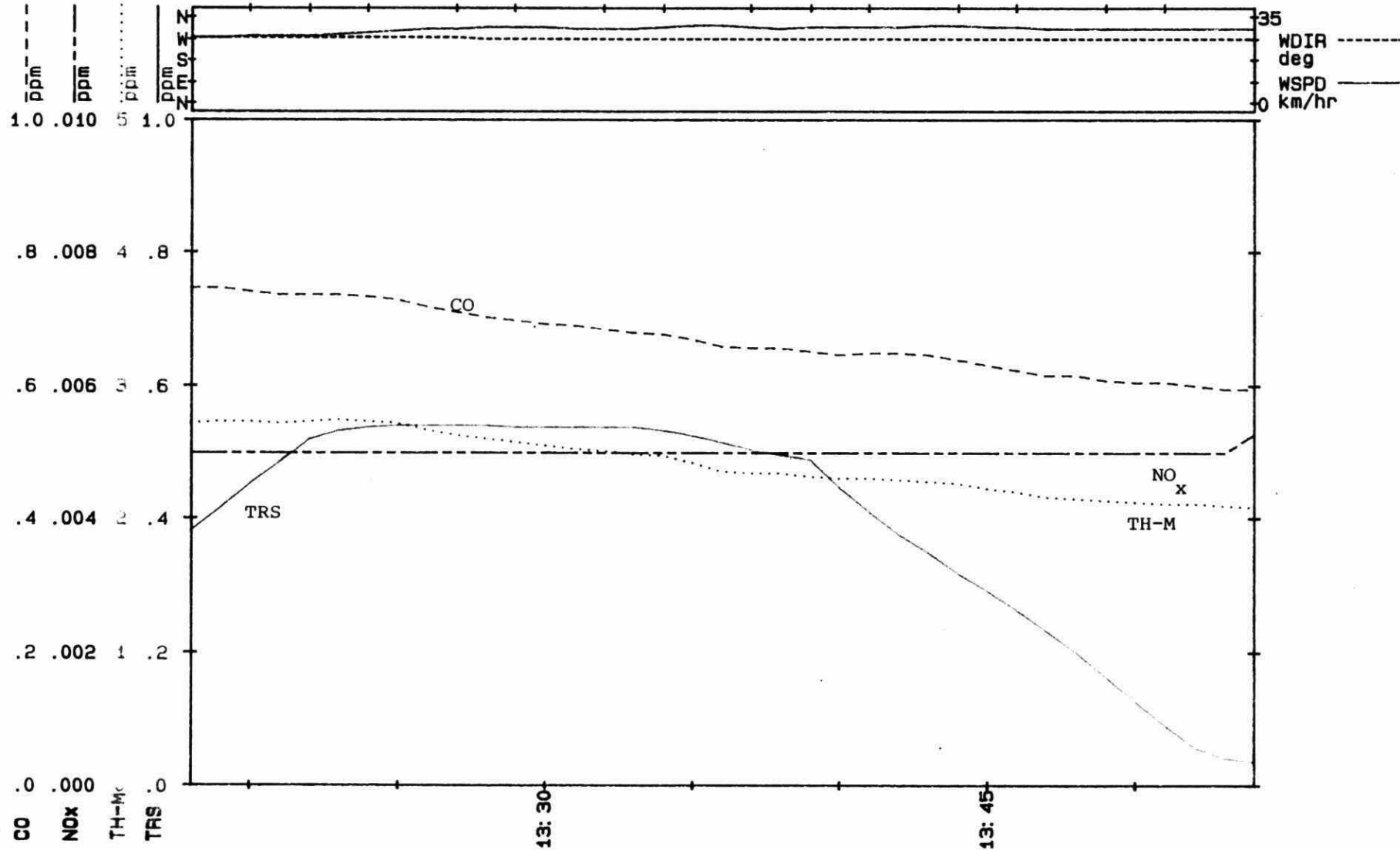
Percent Valid Data Required for Valid Average: 90.0 %

Averaging Started at Nearest: .0 min

# DRYDEN\_85: A113

Start: 85/07/11 12:48 Scan: 60 sec. Ave: 30.00 min.  
Loc: Downwind of main inlet to lagoon

.086		.086		.082		.077		.077		.071		.067		.061		.057		.053		.047		.043		.043		.041		SRAD	W/cm <sup>2</sup>
23		23		23		23		23		23		23		22		22		22		22		21		21		21		TEMP	d C
1017		1017		1017		1017		1016		1016		1016		1016		1016		1016		1016		1016		1016		1016		HUM	%-rel
																												BAR	mbar-msl



DRYDEN\_85 : A114

Start: 85/07/11 13:57 Scan: 60 sec  
 Average: 30.00 min Report: 10.00 min  
 Loc: Downwind of main inlet to lagoon...CxSx monitoring

Time	CO Temp	CxSx Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
13:57-14:27	.6 20.6	.017 1015.9	3.91 26.	2.09 269.	1.82	nd	nd	nd	.008	.044
14:07-14:37	.6 20.6	.012 1015.8	3.97 24.	2.13 269.	1.85	nd	nd	.01	.008	.037
14:17-14:47	.6 20.3	.011 1015.7	3.94 22.	2.03 265.	1.92	nd	nd	nd	.009	.030
14:27-14:57	.6 19.8	.011 1015.5	4.05 18.	2.13 264.	1.93	nd	nd	.01	.008	.017
14:37-15:07	.5 19.7	.010 1015.4	3.98 15.	2.02 259.	1.97	nd	nd	.01	.009	.018
14:47-15:17	.6 20.1	.010 1015.2	4.03 13.	2.09 263.	1.94	.01	nd	.02	.008	.029
14:57-15:27	.6 20.6	.010 1015.1	4.05 14.	2.13 269.	1.94	.01	nd	.02	.009	.036
15:07-15:37	.6 21.3	.012 1014.9	4.20 15.	2.32 275.	1.89	.01	nd	.02	.009	.048
15:17-15:47	.7 21.4	.014 1014.8	4.34 20.	2.47 279.	1.87	nd	nd	.01	.010	.047
15:27-15:57	.6 21.4	.014 1014.7	4.25 23.	2.35 274.	1.90	nd	nd	.01	.009	.049
15:37-16:07	.6 21.3	.013 1014.5	4.22 24.	2.28 273.	1.94	nd	nd	.01	.009	.044

Statistics	CO Temp	CxSx Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
Units	ppm d C	ppm mbar-msl	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	ppm	W/cm^2
Arith. Mean	.59 20.7	.0129 1015.2	4.086 -	2.187 -	1.905	.007	.005	.012	.009	.0371
Std. Dev.	.07 .8	.0057 .6	.354 -	.335 -	.132	.007	.001	.005	.002	.0170
Geo. Mean	.59 -	.0122 -	4.071 -	2.163 -	1.901	.006	.005	.011	.008	-
Geo.Std.Dev	1.12 -	1.3163 -	1.089 -	1.161 -	1.071	1.564	1.102	1.476	1.306	-
Min Reading	.47 19.4	.0087 1014.1	3.400 6.8	1.617 238.1	1.649	.005	.005	.005	.002	.0112
Max Reading	.87 22.0	.0500 1016.1	5.295 37.6	3.417 296.3	2.226	.051	.012	.039	.014	.0790
Min Average	.54 19.7	.0097 1014.5	3.907 13.5	2.022 258.6	1.823	.005	.005	.009	.008	.0169
Max Average	.65 21.4	.0169 1015.9	4.342 25.8	2.471 278.9	1.965	.013	.005	.016	.010	.0487
Valid Rdgs	136. 136.	136. 136.	136. 136.	136. 136.	136.	136.	136.	136.	136.	136.

- Invalid Data / Not Calculated

nd Average is less than Min. Detectable Level

m One or more readings Missing

Percent Valid Data Required for Valid Average: 90.0 %

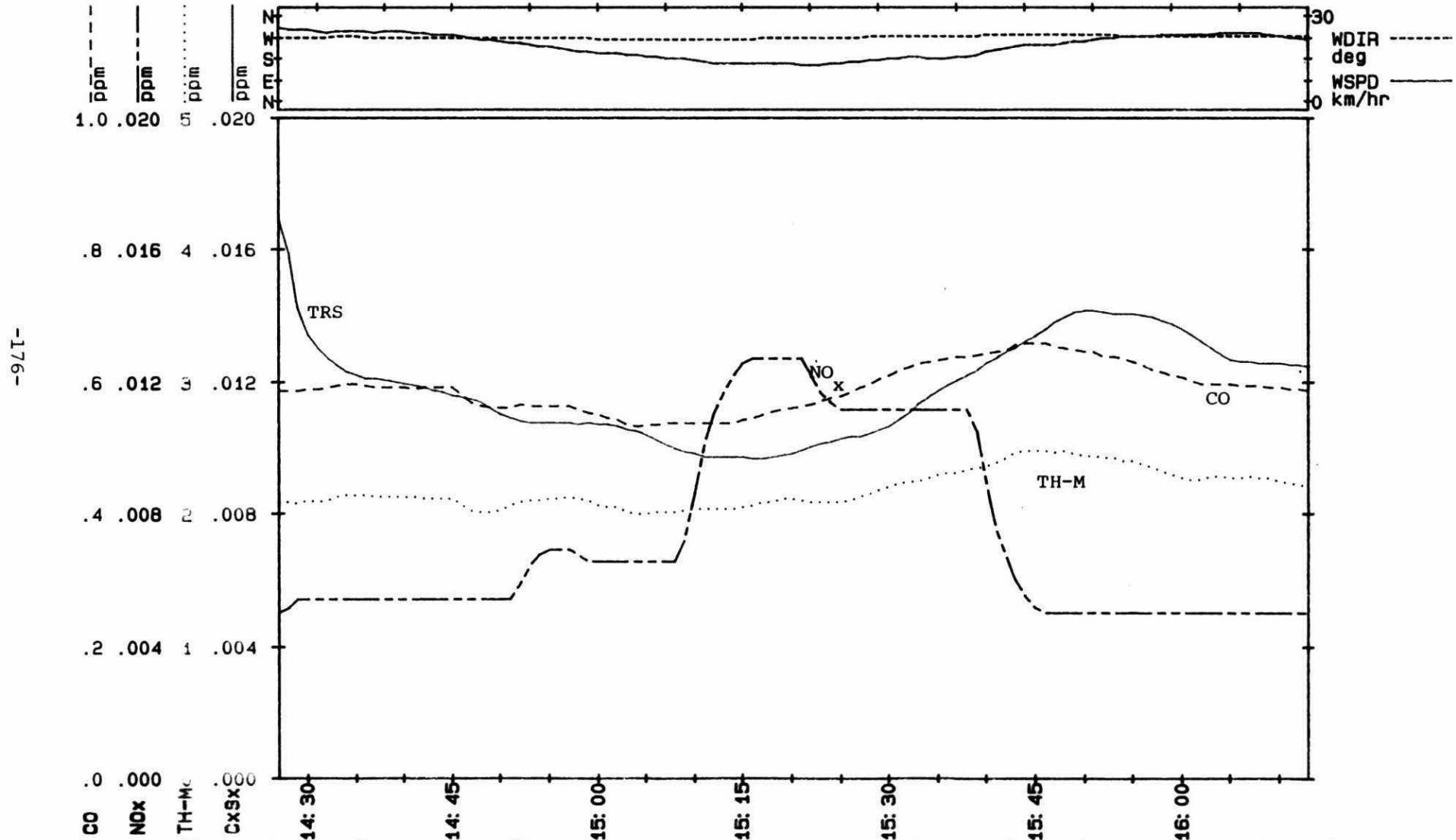
Averaging Started at Nearest: .0 min

# DRYDEN\_85: A114

Start: 85/07/11 13:57 Scan: 60 sec. Ave: 30.00 min.  
 Loc: Downwind of main inlet to lagoon...CxSx monitoring

.043	.036	.032	.021	.016	.018	.027	.032	.040	.048	.046	.049	.047	.044
21	21	20	20	20	20	20	20	21	21	21	21	21	21
1016	1016	1016	1016	1015	1015	1015	1015	1015	1015	1015	1015	1015	1014

SRAD	W/cm^2
TEMP	d C
HUM	%-rel
BAR	mbar-msl



DRYDEN\_85 : A115

Start: 85/07/11 16:29 Scan: 300 sec  
Average: 30.00 min Report: 15.00 min  
Loc: Overnight at the MNR building

Time	CO Temp	TRS Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
6:29-16:59	.7 21.8	.009 1012.5	1.73 22.	.43 255.	1.32	.01	nd	.01	.016	.038
6:44-17:14	.8 21.2	.008 1012.1	1.73 20.	.44 252.	1.31	.01	nd	.01	.015	.021
6:59-17:29	.8 20.6	.006 1012.0	1.79 15.	.52 235.	1.29	.02	nd	.02	.015	.015
7:14-17:44	.8 20.2	.002 1012.0	1.67 12.	.43 211.	1.25	.02	nd	.01	.015	.014
17:29-17:59	1.1 20.7	nd 1011.7	1.56 10.	.34 210.	1.24	.01	nd	.01	.015	.028
17:44-18:14	.9 21.7	nd 1011.2	1.57 8.	.35 226.	1.24	nd	nd	.01	.015	.035
17:59-18:29	.5 22.7	.003 1011.0	1.58 13.	.34 260.	1.26	nd	nd	.01	.014	.029
18:14-18:44	.4 22.5	.005 1011.0	1.60 18.	.34 269.	1.28	.01	nd	.01	.013	.019
18:29-18:59	.6 21.8	.012 1011.0	1.75 15.	.48 260.	1.30	.03	nd	.02	.012	.014
18:44-19:14	.6 21.9	.016 1010.9	1.83 18.	.56 244.	1.28	.02	nd	.01	.012	.017
18:59-19:29	.5 21.7	.010 1010.5	1.72 21.	.46 239.	1.27	.02	nd	.01	.012	.014
19:14-19:44	.5 21.1	.011 1010.1	1.72 20.	.47 238.	1.27	.03	.01	.01	.011	.005
19:29-19:59	.5 20.6	.008 1010.0	1.69 20.	.43 239.	1.27	.02	nd	.01	.012	.005
19:44-20:14	.5 20.8	.005 1010.0	1.65 21.	.40 240.	1.27	.02	nd	.01	.012	.008
19:59-20:29	.6 20.8	.015 1010.0	1.85 21.	.59 244.	1.28	.03	.01	.01	.012	.006
20:14-20:44	.7 20.5	.020 1010.0	1.97 18.	.68 252.	1.30	.02	.01	.01	.013	.002



Time	CO Temp	TRS Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
20:29-20:59	.8 20.0	.023 1009.9	2.08 14.	.79 255.	1.30	.03	.01	.01	.013	.001
20:44-21:14	.7 19.7	.019 1009.9	1.97 16.	.66 258.	1.32	.02	.01	.01	.013	.000
20:59-21:29	.4 19.7	.011 1009.9	1.77 18.	.46 262.	1.33	.01	nd	.01	.013	.000
21:14-21:44	.6 19.8	.026 1010.0	1.92 14.	.64 255.	1.30	.03	.01	.01	.011	.000
21:29-21:59	.7 19.5	.033 1010.0	1.89 10.	.63 285.	1.28	.02	.01	.01	.011	.000
21:44-22:14	.4 17.6	.015 1010.0	1.57 12.	.34 5.	1.25	nd	nd	nd	.013	.000
21:59-22:29	.3 15.7	nd 1010.4	1.38 11.	.17 30.	1.23	nd	nd	nd	.013	.000
22:14-22:44	.4 15.2	nd 1010.4	1.45 3.	.22 17.	1.25	nd	nd	nd	.011	.000
22:29-22:59	.4 15.1	nd 1010.6	1.46 0.	.23 4.	1.25	nd	nd	nd	.009	.000
22:44-23:14	.4 24.7	nd 1010.0	1.46 2.	.24 221.	1.23	.01	nd	nd	.008	.000
22:59-23:29	.5 33.8	.007 1010.5	1.66 5.	.41 217.	1.27	.02	.01	nd	.008	.000
23:14-23:44	.4 31.7	.007 1010.1	1.62 4.	.37 215.	1.27	.01	nd	nd	.011	.000
23:29-23:59	.3 28.2	.002 1010.2	1.42 0.	.21 227.	1.23	.01	nd	nd	.011	.000
23:44-00:14	.4 25.9	nd 1010.2	1.41 3.	.21 196.	1.22	.02	nd	.01	.009	.000
23:59-00:29	.4 24.3	nd 1010.0	1.42 7.	.23 203.	1.21	.02	nd	.01	.010	.000
00:07/12										
00:14-00:44	.4 22.7	nd 1010.4	1.43 3.	.22 340.	1.22	.02	nd	.01	.010	.000
00:29-00:59	.3 21.6	.003 1010.9	1.42 5.	.20 6.	1.24	nd	nd	nd	.010	.000

Time	CO Temp	TRS Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
00:44-01:14	.4 20.5	.003 1010.5	1.47 2.	.23 187.	1.25	.01	nd	nd	.009	.000
00:59-01:29	.4 19.7	.004 1010.4	1.53 2.	.29 188.	1.26	.02	nd	nd	.008	.000
01:14-01:44	.4 19.2	.005 1010.7	1.52 2.	.28 187.	1.25	.01	nd	nd	.008	.000
01:29-01:59	.4 18.9	.004 1010.8	1.50 1.	.27 200.	1.25	nd	nd	nd	.009	.000
01:44-02:14	.4 18.6	.003 1010.9	1.49 1.	.26 212.	1.25	nd	nd	nd	.009	.000
01:59-02:29	.4 18.4	.003 1010.9	1.47 0.	.23 208.	1.25	nd	nd	nd	.009	.000
02:14-02:44	.3 18.5	.002 1010.9	1.43 0.	.21 206.	1.25	nd	nd	nd	.009	.000
02:29-02:59	.3 18.7	nd 1010.9	1.42 0.	.19 210.	1.24	nd	nd	nd	.008	.000
02:44-03:14	.3 18.5	nd 1010.8	1.41 2.	.19 217.	1.24	nd	nd	nd	.009	.000
02:59-03:29	.3 18.1	nd 1010.9	1.40 5.	.18 219.	1.24	nd	nd	nd	.017	.000
03:14-03:44	.3 17.8	nd 1010.9	1.47 4.	.23 223.	1.26	.03	.01	.02	.024	.000
03:29-03:59	.4 17.8	.003 1011.0	1.72 3.	.46 226.	1.28	.05	.02	.03	.026	.000
03:44-04:14	.4 17.5	.004 1011.0	1.77 4.	.50 223.	1.28	.04	.02	.02	.030	.000
03:59-04:29	.4 17.1	.002 1011.0	1.59 4.	.32 223.	1.29	.03	nd	.02	.028	.000
04:14-04:44	.4 16.8	.003 1011.0	1.63 3.	.36 229.	1.29	.02	.01	.01	.023	.000
04:29-04:59	.4 16.8	.007 1011.0	1.82 4.	.55 244.	1.28	.02	.01	nd	.019	.000
04:44-05:14	.5 16.7	.011 1011.0	2.02 3.	.68 256.	1.35	.02	.01	.01	.018	.000

Time	CO Temp	TRS Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
04:59-05:29	.5 16.5	.003 1011.0	2.08 1.	.62 267.	1.48	.02	.01	nd	.017	.000
05:14-05:44	.4 16.4	.003 1011.0	1.90 0.	.49 273.	1.44	.02	.01	.01	.016	.000
05:29-05:59	.4 16.4	.003 1011.0	1.84 0.	.41 169.	1.45	.02	nd	nd	.016	.002
05:44-06:14	.4 16.8	.003 1011.1	1.75 0.	.30 149.	1.47	nd	nd	nd	.016	.005
05:59-06:29	.4 18.0	.003 1011.3	1.60 0.	.27 144.	1.35	nd	nd	nd	.016	.009
06:14-06:44	.4 19.1	.003 1011.7	1.56 0.	.26 175.	1.32	nd	nd	nd	.016	.011
06:29-06:59	.4 19.8	.003 1011.9	1.53 0.	.24 176.	1.31	nd	nd	nd	.016	.010
06:44-07:14	.4 20.1	.005 1011.9	1.53 0.	.24 180.	1.31	nd	nd	nd	.016	.015
06:59-07:29	.4 20.8	.005 1011.9	1.48 0.	.21 163.	1.29	nd	nd	nd	.016	.019
07:14-07:44	.3 21.9	.003 1012.0	1.41 0.	.18 302.	1.25	nd	nd	nd	.016	.021
07:29-07:59	.3 22.3	nd 1012.0	1.39 1.	.17 312.	1.24	nd	nd	nd	.017	.028
07:44-08:14	.3 22.3	nd 1012.0	1.39 3.	.17 293.	1.24	nd	nd	nd	.018	.032

Statistics	CO Temp	TRS Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
Units	ppm d C	ppm mbar-msl	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	ppm	W/cm^2
Arith. Mean	.47 20.3	.0063 1010.9	1.626 -	.362 -	1.281	.016	.008	.010	.014	.0074
Std. Dev.	.25 3.8	.0083 .7	.225 -	.195 -	.068	.013	.006	.007	.005	.0121
Geo. Mean	.43 -	.0036 -	1.612 -	.320 -	1.280	.012	.007	.008	.013	-
Geo. Std. Dev	1.44 -	2.7428 -	1.140 -	1.616 -	1.051	2.184	1.674	1.759	1.409	-
Min Reading	.27 15.0	.0010 1009.9	1.369 .0	.156 .2	1.207	.005	.005	.005	.006	.0000
Max Reading	2.42 42.2	.0507 1012.9	2.263 34.9	.985 355.7	1.640	.076	.032	.044	.033	.0727
Min Average	.30 15.1	.0010 1009.9	1.382 .0	.169 3.7	1.213	.005	.005	.005	.008	.0000
Max Average	1.12 33.8	.0332 1012.5	2.080 21.7	.789 340.4	1.478	.048	.020	.027	.030	.0379
Valid Rdgs	189. 189.	189. 189.	189. 189.	189. 189.	189.	189.	189.	189.	189.	189.

- Invalid Data / Not Calculated

nd Average is less than Min. Detectable Level

m One or more readings Missing

Percent Valid Data Required for Valid Average: 90.0 %

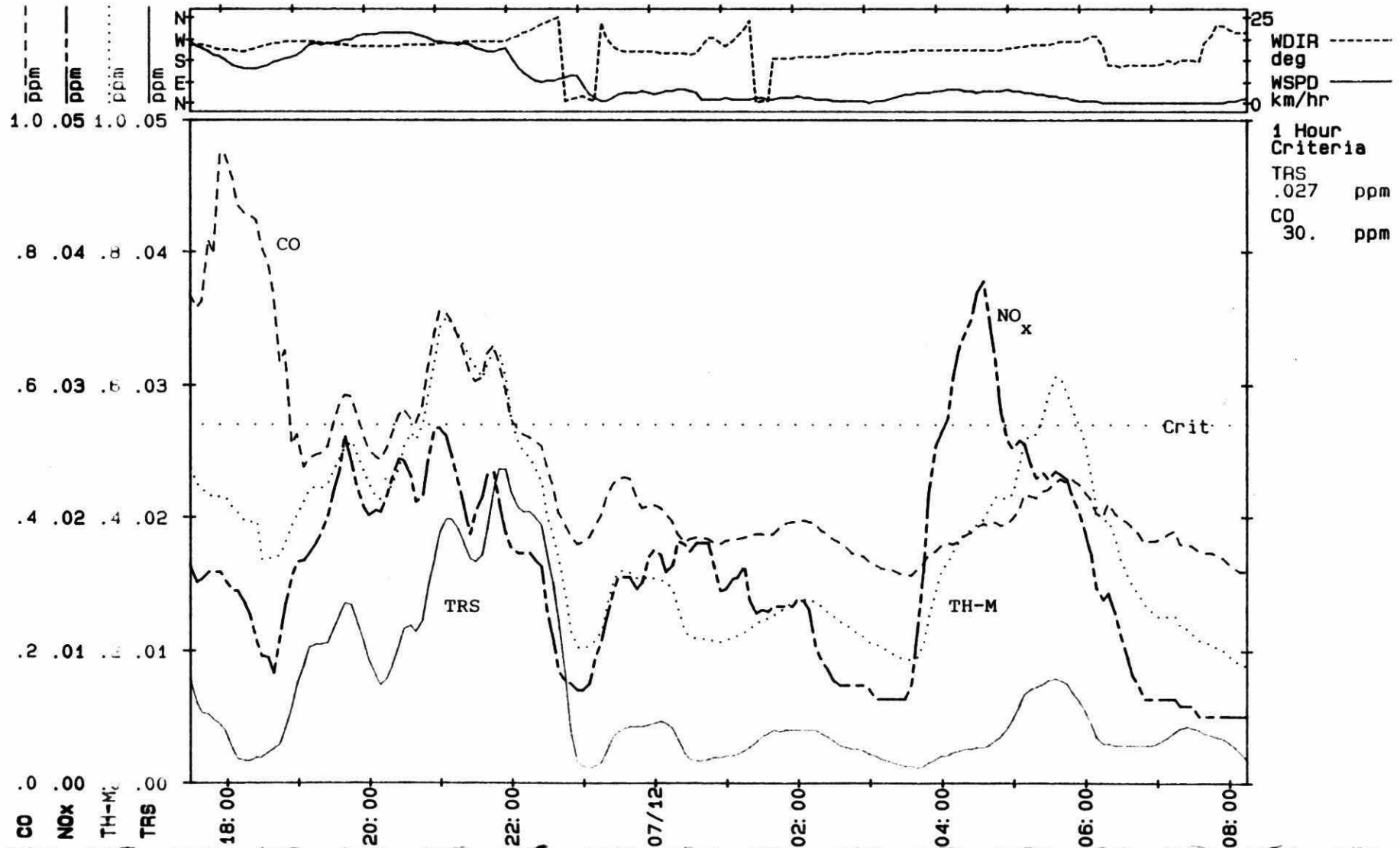
Averaging Started at Nearest: .0 min

# DRYDEN\_85: A115

Start: 85/07/11 16:29 Scan: 300 sec. Ave: 60.00 min.  
Loc: Overnight at the MNR building

.020	.023	.010	.004	.000	.000	.000	.000	.000	.000	.000	.000	.001	.009
21	22	21	21	20	16	30	23	19	19	18	17	16	19
91	79	71	72	71	97	44	59	77	77	79	83	84	75
1012	1011	1010	1010	1010	1010	1010	1010	1011	1011	1011	1011	1011	1012

SRAD	W/cm^2
TEMP	d C
HUM	%-rel
BAR	mbar-msl



DRYDEN SURVEY-85

MONITORING PERIOD	A112	A112	A113	A114	A114
TIME	1040-1110	1205-1235	1322-1352	1436-1506	1542-1612
PROPANE	2.71		1.15	5.53	0.56
PROPADIENE					
PROPYNE					
CHLOROMETHANE					
CYCLOPROPANE					
2-METHYLPROPANE	2.15		1.90	4.59	5.23
CHLOROETHENE					
1-BUTENE					
1,3-BUTADIENE					
BUTANE	20.25	15.90	1.92	2.45	1.30
1-BUTYNE					
CHLOROETHANE					
3-METHYL-1-BUTENE					
2-METHYLBUTANE	22.23	9.04	1.56	11.61	1.57
1-PENTENE		0.30			
PENTANE	13.62	6.43	0.84	100.26	0.94
2-METHYL-1,3-BUTADIENE		1.20			
TRANS-2-PENTENE **	2.12	1.15	0.45	1.56	0.36
CIS-2-PENTENE **	4.35	2.12	0.93	3.23	1.08
DICHLOROMETHANE					
2-METHYL-2-BUTENE	4.78	2.72			
3-CHLOROPROPENE					
2,2-DIMETHYLBUTANE	0.34	0.14			
4-METHYL-1-PENTENE					
3-METHYL-1-PENTENE					
CYCLOPENTANE	0.97	0.32			
2,3-DIMETHYLBUTANE	1.59	0.46			
2-METHYLPENTANE	6.74	2.27	0.70	4.20	0.77
3-METHYLPENTANE	4.17	1.11	1.01	4.29	0.74
1-HEXENE	0.15				
CIS-1,2-DICHLOROETHENE					
2-CHLOROBUTANE					
HEXANE	6.86	2.16	2.12	1.63	1.38
TRICHLOROMETHANE	24.31	30.44	108.76	143.55	169.78
TRANS-3-HEXENE				0.27	
3-CHLORO-2-METHYLPROPENE	8.47	4.05			2.83
METHYLCYCLOPENTANE	4.09	1.00	5.68	4.60	3.72
1,2-DICHLOROETHANE					
1,1,1-TRICHLOROETHANE					
1-CHLOROBUTANE					
BENZENE	2.32	2.21	3.19	2.73	2.06
TETRACHLOROMETHANE					
CYCLOHEXANE	1.16	0.22		0.33	
2,3-DIMETHYLPENTANE					
2-METHYLHEXANE	7.80	1.64	0.36	1.55	0.48
CYCLOHEXENE					
3-METHYLHEXANE	3.11	0.67	0.21	0.41	0.24
1,2-DICHLOROPROPANE			0.38	0.40	0.57
2,3-DICHLOROPROPENE					
TRICHLOROETHENE					
2,2,4-TRIMETHYLPENTANE	6.35	1.36	0.17	44.55	3.70

MANU#1  
JULY 11/85

1-HEPTENE					
HEPTANE	3.77	0.87	0.33	0.18	0.33
1-CHLORO-3-METHYLBUTANE					
TRANS-2-HEPTENE	0.43			1.18	
METHYLCYCLOHEXANE	2.09	0.39		1.22	
4-METHYLCYCLOHEXENE	1.08			0.88	
2,5-DIMETHYLHEXANE	0.69	0.14		6.95	0.69
1-CHLOROPENTANE					
1,1,2-TRICHLOROETHANE					
TOLUENE	4.46	2.01	1.71	2.26	2.17
1,3-DICHLOROPROPANE					
2-METHYLHEPTANE		0.28		2.27	0.19
4-METHYLHEPTANE	1.50	0.30	0.14	0.21	0.20
3-METHYLHEPTANE					
1,2-DIBROMOETHANE					
1-OCTENE	0.46				
TRANS-1,2-DIMETHYLCYCLOHEXAN	0.48				
TRANS-4-OCTENE					
TETRACHLOROETHENE	1.67	0.73			0.73
2-METHYL-1-HEPTENE	1.94	0.57	0.37	0.29	0.35
OCTANE	0.36				0.16
2-OCTENE					
CIS-1,2-DIMETHYLCYCLOHEXAN	0.95	0.44		1.06	0.54
CHLOROBENZENE					
ETHYLCYCLOHEXANE **	0.37				
PROPYLCYCLOPENTANE **	0.55				
1-CHLOROHEXANE					
ETHYLBENZENE	0.89	0.57	0.62	0.48	0.53
m/p-XYLENE	4.36	2.09	2.50	2.10	1.38
4-METHYLOCTANE				2.13	
2-METHYLOCTANE	1.38				
STYRENE					
1,4-DICHLOROBUTANE					
O-XYLENE	1.53	0.68	0.78	0.61	0.68
1,1,2,2-TETRACHLOROETHANE				9.28	
1,2,3-TRICHLOROPROPANE					
1-NONENE					
NONANE	1.52	0.50	0.39	0.33	0.36
ISOPROPYLBENZENE				0.57	
2-CHLOROTOLUENE				0.60	
3-CHLOROTOLUENE		0.80			0.89
PROPYLBENZENE				1.65	
4-CHLOROTOLUENE					
3-ETHYLTOLUENE					
4-ETHYLTOLUENE					
1,3,5-TRIMETHYLBENZENE					
2-ETHYLTOLUENE				0.84	0.45
tert-BUTYLBENZENE **	4.04	2.25	2.09	1.86	1.67
1,2,4-TRIMETHYLBENZENE **	1.73	1.04	1.09	0.79	0.85
1,3-DICHLOROBENZENE					
1-DECENE					
(CHLOROMETHYL) BENZENE	27.93	13.53	11.49	19.73	15.63
1,5-DICHLOROPENTANE					
DECANE	5.60	3.03	2.60	1.88	1.48
sec-BUTYLBENZENE			1.04	0.77	
3-(CHLOROMETHYL) HEPTANE					
1,2,3-TRIMETHYLBENZENE	3.02			2.23	0.72
ISOPROPYL 4-METHYLBENZENE	20.40	24.80	85.46	106.20	49.33
1,2-DICHLOROBENZENE					1.79
INDAN					
BUTYLCYCLOHEXANE				1.42	
1,3-DIETHYLBENZENE					
1,4-DIETHYLBENZENE **	12.59	19.67	6.09	4.89	8.29
BUTYLBENZENE **					
1,2-DIETHYLBENZENE				0.62	
UNDECANE	6.04	10.05	10.12	82.64	3.47

DECAHYDRONAPHTHALENE	5.64		7.30	11.55	
1235-TETRAMETHYLBENZENE	9.01		12.08	1.93	
1234-TETRAMETHYLBENZENE		12.29		9.15	
1234-TETRAHYDRONAPHTHALENE	4.55	2.77	2.69	1.95	0.90
1,4-DIISOPROPYLBENZENE	9.45	5.99	5.63	3.52	2.41
DODECANE	20.35	13.12	17.03	12.80	6.09

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Total # of compounds identified	54.00	49.00	39.00	30.00	45.00
Total # of peaks	202.00	164.00	151.00	153.00	157.00
Total area of peaks	20906.47	11562.23	12379.10	14835.68	6944.23
Area of identified peaks	6532.37	2000.10	3169.91	5481.43	2371.56
Area % identified peaks	31.25	17.30	25.61	36.95	34.15

Total hydrocarbons ug/m3:	311.47	205.82	302.88	636.76	299.59
Alkanes ug/m3	136.42	69.47	41.40	284.93	29.32
Cycloalkanes ug/m3	10.66	2.37	5.68	8.63	4.26
Alkenes ug/m3	14.23	8.06	1.75	6.53	1.79
Cycloalkenes ug/m3	1.08	0.00	0.00	0.88	0.00
Alkynes ug/m3	0.00	0.00	0.00	0.00	0.00
Aromatics ug/m3	83.99	76.37	132.27	156.70	71.44
Chlorinated alkanes ug/m3	24.31	30.44	109.14	155.45	170.35
Chlorinated alkenes ug/m3	10.14	4.78	0.00	0.00	3.56
Chlorinated aromatics ug/m3	27.93	14.33	11.49	20.33	18.31

Toluene:Ethylbenzene	5.01	3.53	2.76	4.71	4.09
Benzene:Ethylbenzene	2.61	3.88	5.15	5.69	3.89
Xylenes:Ethylbenzene	6.62	4.86	5.29	5.65	3.89
Ethylbenzene:Ethylbenzene	1.00	1.00	1.00	1.00	1.00

\*\*-AMBIGUOUS IDENTIFICATION ON BOTH COLUMNS



DRYDEN\_85 : A122

Start: 85/07/12 12:28

Scan: 60 sec

Average: 30.00 min

Report: 10.00 min

Loc: Using funnel to measure air quality at outlet of lagoon..TRS

Time	CO Temp	TRS Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
12:28-12:58	1.8 28.0	.045 1003.5	3.20 3.	1.69 150.	1.51	.02	nd	.03	.019	.084
12:38-13:08	4.1 28.2	.046 1003.4	3.50 2.	1.86 111.	1.65	.04	nd	.04	.018	.084
12:48-13:18	7.7 28.2	.069 1003.3	3.81 3.	2.11 66.	1.70	.09	.01	.08	.018	.083
12:58-13:28	7.4 28.1	.051 1003.2	3.58 3.	1.98 53.	1.60	.09	.01	.08	.018	.082
13:08-13:38	4.8 28.4	.044 1003.0	3.21 2.	1.73 65.	1.49	.06	nd	.06	.019	.078
13:18-13:48	1.4 28.8	.024 1002.9	2.92 2.	1.44 134.	1.48	.02	nd	.03	.019	.078

Statistics	CO Temp	TRS Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
Units	ppm d C	ppm mbar-msl	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	ppm	W/cm^2
Arith. Mean	3.80 29.3	.0431 1003.2	3.296 -	1.748 -	1.550	.046	.007	.046	.018	.0015
Std. Dev.	6.26 .8	.0419 .3	.066 -	.600 -	.367	.060	.006	.052	.002	.0094
Geo. Mean	1.62 -	.0334 -	3.214 -	1.677 -	1.522	.024	.006	.030	.018	-
Geo. Std. Dev	3.35 -	1.9146 -	1.235 -	1.308 -	1.190	2.997	1.606	2.364	1.105	-
Min Reading	.05 26.3	.0108 1002.5	2.531 .0	1.249 9.0	1.200	.005	.005	.013	.015	.0243
Max Reading	30.59 30.0	.2489 1003.8	6.965 11.2	4.164 354.5	4.008	.230	.020	.201	.026	.0864
Min Average	1.43 28.0	.0244 1002.9	2.916 1.9	1.442 53.1	1.479	.022	.005	.025	.018	.0782
Max Average	7.75 28.8	.0691 1003.5	3.803 3.1	2.111 149.5	1.695	.089	.010	.082	.019	.0840
Valid Rdgs	80. 80.	80. 80.	80. 80.	80. 80.	80.	80.	80.	80.	80.	80.

- Invalid Data / Not Calculated

nd Average is less than Min. Detectable Level

m One or more readings Missing

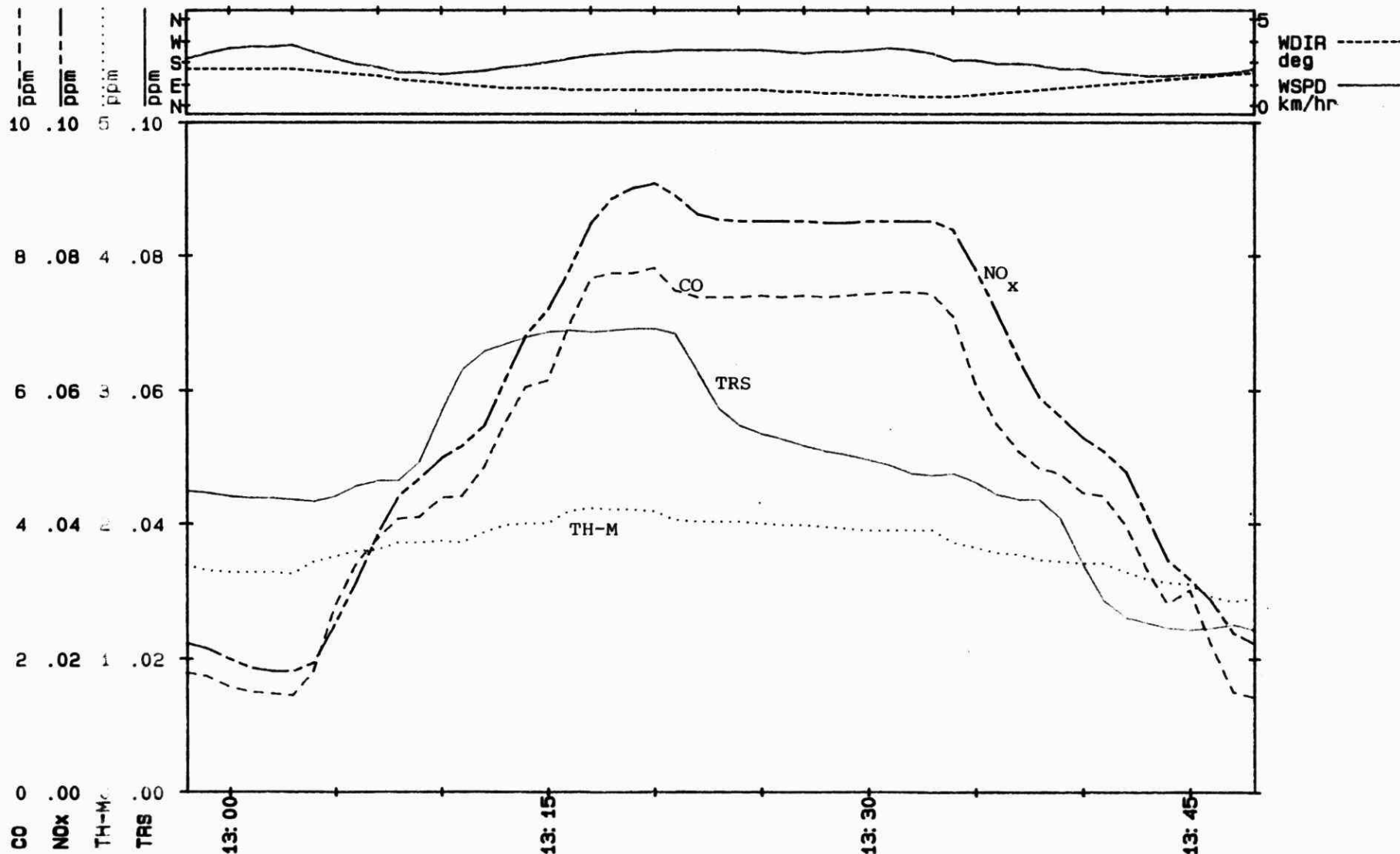
Percent Valid Data Required for Valid Average: 90.0 %

Averaging Started at Nearest: .0 min

# DRYDEN\_85: A122

Start: 85/07/12 12:28 Scan: 60 sec. Ave: 30.00 min.  
 Loc: Using funnel to measure air quality at outlet of lagoon..TRS

.084		.084		.084		.084		.083		.083		.081		.082		.082		.081		.081		.080		.078		.078		SRAD	W/cm^2
28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	29	29	29	29	TEMP	d C
43	43	43	43	43	42	42	42	42	43	43	43	43	43	43	43	43	42	42	42	42	42	42	42	42	42	HUM	%-rel		
1004	1003	1003	1003	1003	1003	1003	1003	1003	1003	1003	1003	1003	1003	1003	1003	1003	1003	1003	1003	1003	1003	1003	1003	1003	1003	BAR	mbar-msl		



DRYDEN\_85 : A123

Start: 85/07/12 14:00 Scan: 60 sec  
 Average: 30.00 min Report: 10.00 min  
 Loc: Using funnel to measure air quality at outlet from lagoon..CxSx

Time	CO Temp	CxSx Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
14:08-14:38	1.4 29.2	.012 1003.7	2.98 13.	1.41 310.	1.48	.02	nd	.02	.020	.083
14:18-14:48	1.7 29.3	.016 1003.5	2.98 15.	1.47 316.	1.52	.02	nd	.03	.020	.085

Statistics	CO Temp	CxSx Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
Units	ppm d C	ppm abar-msl	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	ppm	W/cm <sup>2</sup>
Arith. Mean	1.35 28.3	.0139 1003.6	2.867 -	1.407 -	1.467	.019	.005	.021	.020	.0801
Std. Dev.	1.72 .3	.0051 .3	.548 -	.284 -	.277	.019	.000	.018	.001	.0137
Geo. Mean	.87 -	.0129 -	2.827 -	1.384 -	1.448	.012	.005	.015	.020	-
Geo.Std.Dev	2.27 -	1.5151 -	1.175 -	1.189 -	1.169	2.536	1.000	2.358	1.065	-
Min Reading	.33 27.4	.0064 1003.2	2.440 .3	1.165 174.3	1.249	.005	.005	.005	.017	.0214
Max Reading	7.68 29.0	.0210 1004.0	5.296 26.5	2.518 353.2	2.811	.008	.005	.004	.022	.0865
Min Average	1.44 28.2	.0121 1003.5	2.879 12.6	1.410 310.0	1.476	.019	.005	.021	.020	.0833
Max Average	1.71 28.3	.0159 1003.7	2.978 15.5	1.469 315.7	1.516	.025	.005	.027	.020	.0845
# Valid Rds	43. 43.	43. 43.	43. 43.	43. 43.	43.	43.	43.	43.	43.	43.

- Invalid Data / Not Calculated

nd Average is less than Min. Detectable Level

m One or more readings Missing

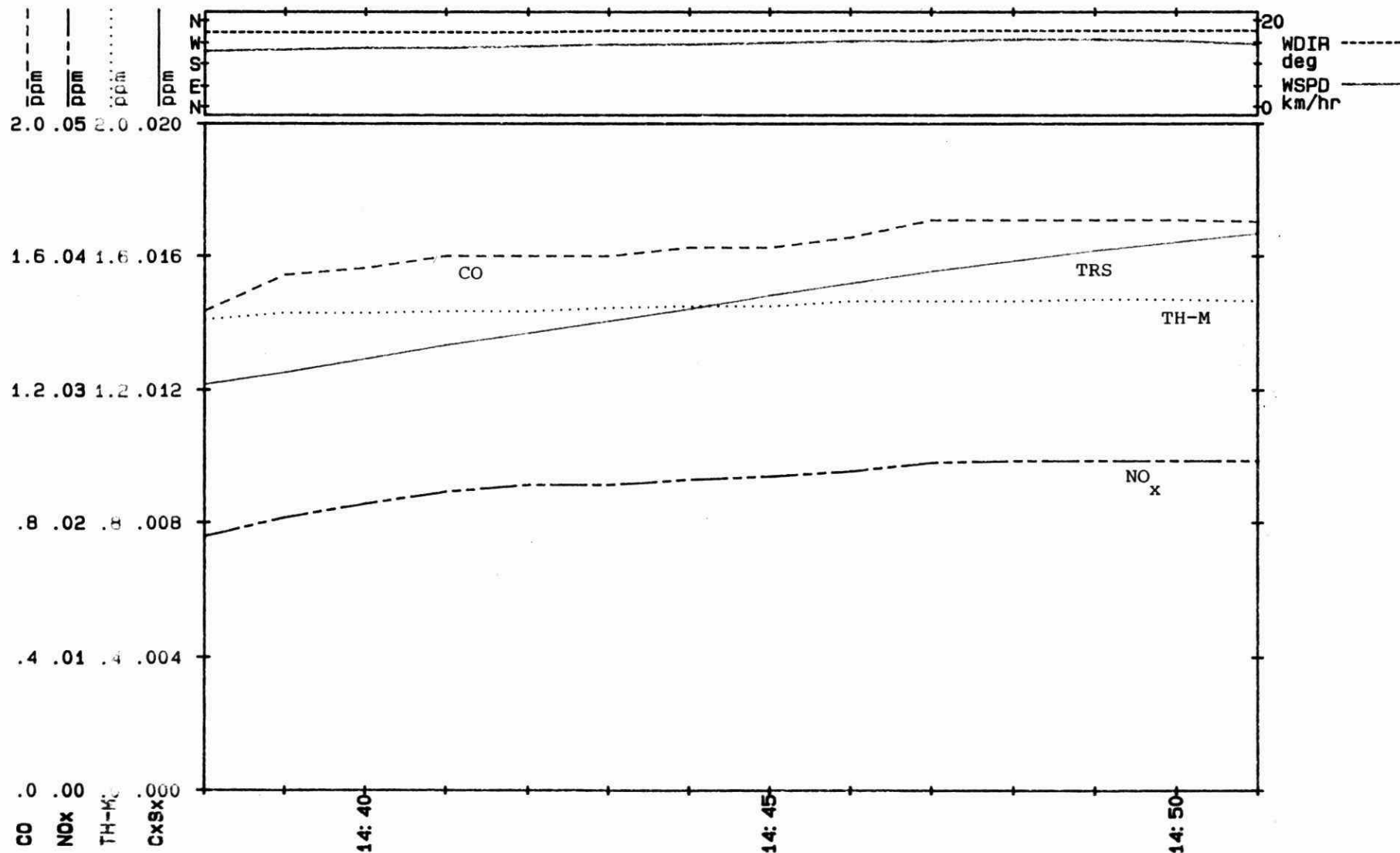
Percent Valid Data Required for Valid Average: 90.0 %

Averaging Started at Nearest: .0 min

# DRYDEN\_85: A123

Start: 85/07/12 14:08 Scan: 60 sec. Ave: 30.00 min.  
 Loc: Using funnel to measure air quality at outlet from lagoon..CxSx

												SRAD	W/cm^2
												TEMP	d C
												HUM	%-rel
												BAR	mbar-msl
.083	.083	.083	.084	.084	.084	.084	.084	.084	.085	.084	.082		
28	28	28	28	28	28	28	28	28	28	28	28		
41	41	41	42	42	42	42	42	42	42	42	42		
1004	1004	1004	1004	1004	1004	1004	1004	1004	1004	1003	1003		



DRYDEN\_85.: A124

Start: 85/07/12 16:05 Scan: 300 sec  
Average: 30.00 min Report: 15.00 min  
Loc: Overnight monitoring at MNR building

Time	CO Temp	TRS Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
16:06-16:36	2.6 27.8	.003 1005.1	1.50 20.	.26 272.	1.25	nd	nd	nd	-	.064
16:21-16:51	.8 28.2	.003 1004.8	1.51 15.	.28 268.	1.25	nd	nd	nd	-	.057
16:36-17:06	.9 28.8	.003 1004.3	1.57 12.	.34 237.	1.24	nd	nd	nd	-	.056
16:51-17:21	.8 28.9	.003 1004.0	1.52 14.	.30 242.	1.24	nd	nd	nd	-	.058
17:06-17:36	.7 28.9	.003 1003.7	1.53 15.	.31 253.	1.24	nd	nd	nd	-	.051
17:21-17:51	.7 28.4	nd 1003.2	1.85 13.	.62 240.	1.24	nd	nd	nd	-	.337
17:36-18:06	.8 28.1	.003 1003.0	2.04 11.	.79 245.	1.26	nd	nd	nd	-	.030
17:51-18:21	.8 28.0	.005 1003.0	1.86 11.	.60 244.	1.27	.02	.02	nd	-	.030
18:06-18:36	.8 28.6	.005 1002.7	1.67 11.	.41 227.	1.27	.02	.02	nd	-	.033
18:21-18:51	.8 29.5	.007 1002.2	1.66 13.	.40 222.	1.28	.03	.02	nd	-	.033
18:36-19:06	.8 29.1	.006 1002.0	1.67 12.	.41 221.	1.28	.02	.02	nd	-	.025
18:51-19:21	.6 28.4	.002 1002.0	1.57 12.	.31 219.	1.28	.01	.01	nd	-	.021
19:06-19:36	.5 27.7	nd 1002.0	1.52 13.	.25 218.	1.29	.01	.01	nd	-	.017
19:21-19:51	.5 26.7	nd 1002.0	1.50 11.	.22 219.	1.30	nd	nd	nd	-	.009
19:36-20:06	.5 25.8	nd 1002.0	1.51 9.	.22 218.	1.31	nd	nd	nd	-	.004
19:51-20:21	.6 25.3	nd 1002.0	1.68 7.	.37 218.	1.33	.01	.02	nd	-	.003

Time	CO Temp	TRS Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
20:06-20:36	.7 25.2	.003 1002.0	1.91 5.	.58 222.	1.35	.04	.03	.01	-	.003
20:21-20:51	.7 24.9	.003 1002.0	1.83 2.	.49 216.	1.36	.03	.03	.01	-	.002
20:36-21:06	.7 24.4	nd 1002.0	1.78 0.	.45 191.	1.35	.02	.02	nd	-	.001
20:51-21:21	.8 23.9	nd 1002.0	1.78 0.	.44 170.	1.36	.02	.02	nd	-	.000
20:06-21:36	.8 23.5	nd 1002.0	1.68 0.	.32 180.	1.37	.02	.02	nd	-	.000
21:21-21:51	.7 22.9	nd 1002.0	1.69 0.	.32 184.	1.39	.02	.02	nd	-	.000
21:36-22:06	.7 21.8	nd 1002.0	1.79 0.	.37 199.	1.44	.03	.02	nd	-	.000
21:51-22:21	.6 21.6	nd 1002.0	1.74 1.	.34 180.	1.43	.02	.02	nd	-	.000
22:06-22:36	.5 21.8	nd 1002.0	1.68 1.	.32 179.	1.39	.02	.03	nd	-	.000
22:21-22:51	.5 21.7	nd 1002.0	1.67 2.	.29 180.	1.40	.02	.02	nd	-	.000
22:06-23:06	.4 20.9	nd 1002.0	1.61 1.	.21 183.	1.43	nd	.02	nd	-	.000
22:21-23:21	.4 19.3	nd 1002.1	1.66 0.	.21 268.	1.47	.01	.02	nd	-	.000
23:06-23:36	.4 19.0	nd 1002.1	1.70 2.	.21 150.	1.51	.02	.02	nd	-	.000
23:21-23:51	.3 20.0	nd 1002.1	1.65 4.	.17 152.	1.50	nd	.01	nd	-	.000
23:36-00:06	.3 20.5	nd 1002.1	1.59 4.	.16 164.	1.45	nd	nd	nd	-	.000
23:51-00:21	.4 20.4	nd 1002.2	1.65 4.	.19 163.	1.48	nd	.01	nd	-	.000
5/07/13 00:06-00:36	.6 20.2	nd 1002.6	1.64 2.	.18 163.	1.48	nd	.02	nd	-	.000



Time	CO Temp	TRS Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
00:21-00:51	.6 20.1	nd 1002.9	1.59 1.	.18 178.	1.44	nd	.01	nd	-	.000
00:36-01:06	.4 19.2	nd 1003.0	1.59 0.	.19 160.	1.43	nd	.01	nd	-	.000
00:51-01:21	.3 17.6	nd 1003.5	1.67 2.	.19 313.	1.50	nd	.01	nd	-	.000
01:06-01:36	.3 17.3	nd 1003.8	1.76 3.	.22 311.	1.56	nd	.01	nd	-	.000
01:21-01:51	.5 18.1	nd 1003.4	1.84 1.	.28 301.	1.59	.02	.02	nd	-	.000
01:36-02:06	.6 18.5	nd 1003.2	1.94 0.	.31 158.	1.65	.04	.03	.01	-	.000
01:51-02:21	.5 18.1	nd 1003.2	1.84 0.	.25 286.	1.61	.03	.03	.01	-	.000
02:06-02:36	.4 17.0	nd 1003.4	1.69 0.	.17 246.	1.54	.01	.02	nd	-	.000
02:21-02:51	.3 16.2	nd 1003.8	1.67 0.	.14 236.	1.56	nd	.01	nd	-	.000
02:36-03:06	.3 16.2	nd 1003.9	1.71 0.	.15 262.	1.59	nd	.01	nd	-	.000
02:51-03:21	.3 16.5	nd 1003.9	1.74 0.	.17 288.	1.60	nd	.01	nd	-	.000
03:06-03:36	.4 16.6	nd 1003.6	1.79 0.	.20 297.	1.63	.01	.01	nd	-	.000
03:21-03:51	.4 16.6	nd 1003.3	1.84 0.	.20 284.	1.67	.02	.02	nd	-	.000
03:36-04:06	.5 16.6	nd 1003.7	1.86 0.	.20 263.	1.70	.02	.01	nd	-	.000
03:51-04:21	.4 16.6	nd 1004.2	1.97 0.	.23 201.	1.77	.01	.01	nd	-	.000
04:06-04:36	.2 16.5	nd 1004.7	2.03 0.	.29 147.	1.77	nd	nd	nd	-	.000
04:21-04:51	.5 16.6	nd 1004.9	1.94 0.	.27 143.	1.70	nd	nd	nd	-	.000

Time	CO Temp	TRS Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
4:36-05:06	.5 16.8	nd 1005.0	1.98 0.	.22 199.	1.78	nd	.01	nd	-	.000
4:51-05:21	.3 16.6	nd 1005.0	1.97 0.	.20 221.	1.80	nd	nd	nd	-	.000
05:06-05:36	.3 16.3	nd 1004.7	1.69 5.	.12 8.	1.60	nd	nd	nd	-	.000
05:21-05:51	.2 16.2	nd 1004.4	1.49 10.	nd 13.	1.46	nd	nd	nd	-	.000
05:36-06:06	.2 16.3	nd 1004.3	1.50 3.	nd 38.	1.45	nd	nd	nd	-	.000
05:51-06:21	.2 16.6	nd 1004.2	1.57 9.	nd 167.	1.49	nd	.01	nd	-	.000
06:06-06:36	.2 17.2	nd 1004.3	1.59 14.	nd 159.	1.52	nd	.01	nd	-	.001
06:21-06:51	.2 17.7	nd 1003.9	1.56 11.	nd 141.	1.50	nd	nd	nd	-	.003
06:36-07:06	.3 17.9	nd 1003.3	1.54 8.	nd 117.	1.49	nd	nd	nd	-	.006
06:51-07:21	.2 18.2	nd 1003.1	1.52 5.	nd 93.	1.49	nd	nd	nd	-	.008
07:06-07:36	.2 18.5	nd 1003.0	1.53 5.	nd 101.	1.50	nd	nd	nd	-	.007
07:21-07:51	.2 18.6	nd 1003.0	1.55 6.	nd 118.	1.50	nd	.01	nd	-	.007
07:36-08:06	.6 19.1	nd 1003.1	1.54 3.	nd 119.	1.47	nd	.01	nd	-	.012
07:51-08:21	.6 19.7	nd 1003.1	1.50 3.	nd 138.	1.43	nd	.01	nd	-	.017

Statistics	CO Temp	TRS Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
Units	ppm d C	ppm mbar-msl	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	ppm	W/cm^2
Arith. Mean	.56 21.3	.0016 1003.1	1.688 -	.253 -	1.455	.012	.014	.006	-	.0098
Std. Dev.	.07 4.6	.0019 1.0	.188 -	.179 -	.156	.012	.008	.003	-	.0179
Geo. Mean	.45 -	.0012 -	1.678 -	.198 -	1.447	.008	.012	.005	-	-
Geo.Std.Dev	1.75 -	1.7672 -	1.112 -	2.099 -	1.111	2.134	1.815	1.328	-	-
Min Reading	.16 15.9	.0010 1001.9	1.412 .0	.050 4.7	1.231	.005	.005	.005	-	.0000
Max Reading	12.05 29.6	.0144 1005.4	2.478 32.5	1.230 359.3	1.952	.075	.046	.029	-	.0050
Min Average	.20 16.2	.0010 1002.0	1.489 .0	.050 8.3	1.237	.005	.005	.005	-	.0000
Max Average	2.64 29.5	.0067 1005.1	2.042 20.3	.793 313.0	1.796	.040	.029	.014	-	.0036
# Valid Rdgs	195. 195.	195. 195.	195. 195.	195. 195.	195.	195.	195.	195.	0.	195.

- Invalid Data / Not Calculated

nd Average is less than Min. Detectable Level

m One or more readings Missing

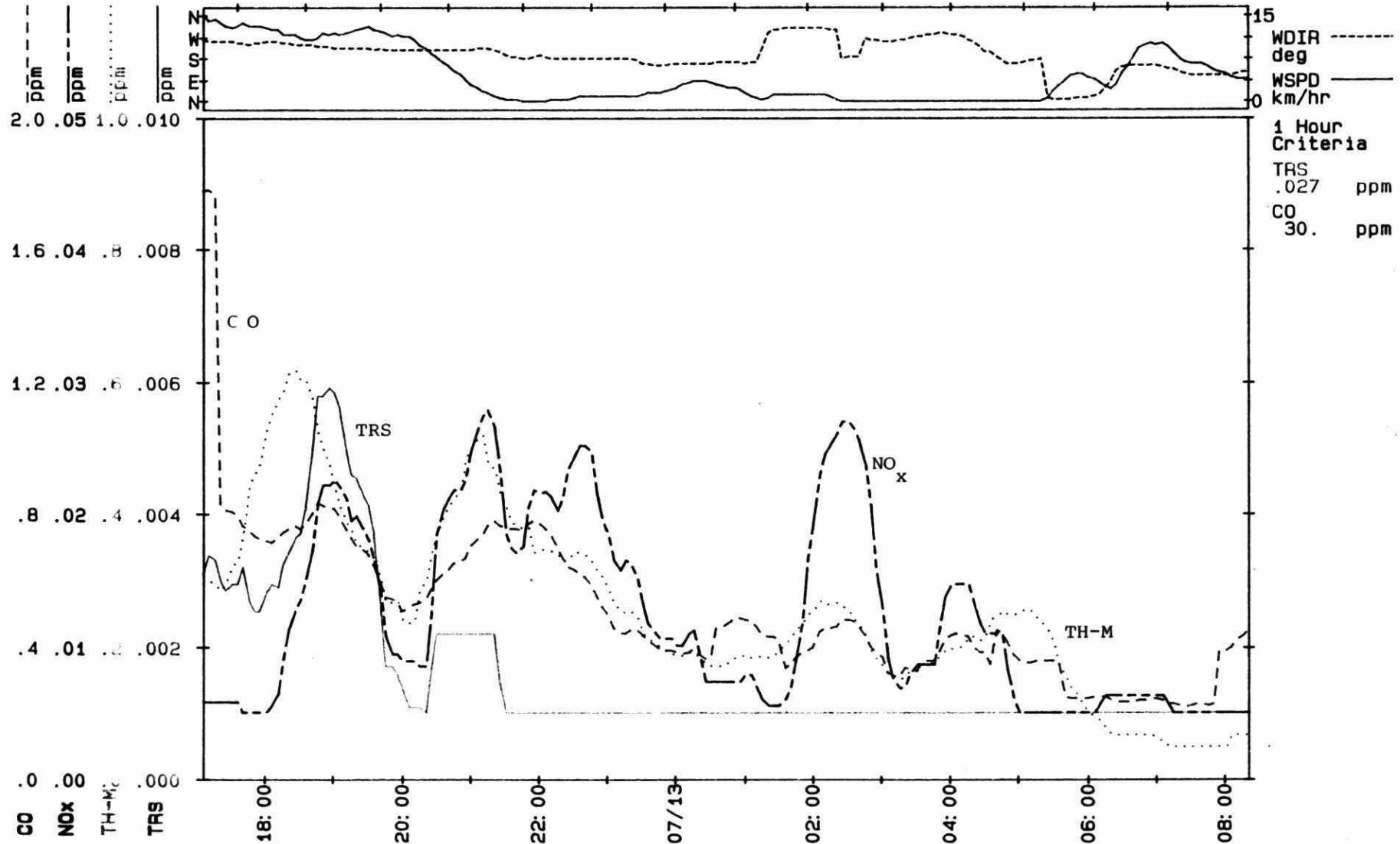
Percent Valid Data Required for Valid Average: 90.0 %

Averaging Started at Nearest: .0 min

# DRYDEN\_85: A124

Start: 85/07/12 16:06 Scan: 300 sec. Ave: 60.00 min.  
 Loc: Overnight monitoring at MNR building

														SRAD	W/cm <sup>2</sup>
														TEMP	d C
														HUM	%-rel
														BAR	mbar-msl
.053	.031	.019	.003	.000	.000	.000	.000	.000	.000	.000	.000	.000	.005		
29	28	28	25	24	22	20	20	18	17	17	17	16	18		
42	44	44	52	58	69	76	71	82	88	90	93	96	96		
1004	1003	1002	1002	1002	1002	1002	1003	1003	1004	1004	1005	1004	1004		



DRYDEN SURVEY-85

MONITORING PERIOD	A122	A122	MAMU01
TIME	1226-1256	1256-1326	JULY 12/85
PROPANE	6.84	4.61	
PROPADIENE			
PROPYNE			
CHLOROMETHANE			
CYCLOPROPANE			
2-METHYLPROPANE	5.97	2.08	
CHLOROETHENE			
1-BUTENE			
1.3-BUTADIENE			
BUTANE	17.03	7.22	
1-BUTYNE			
CHLOROETHANE			
3-METHYL-1-BUTENE			
2-METHYLBUTANE	14.58	6.14	
1-PENTENE			
PENTANE	9.07	3.63	
2-METHYL-1.3-BUTADIENE			
TRANS-2-PENTENE **	1.36	1.30	
CIS-2-PENTENE **	2.80	2.13	
DICHLOROMETHANE			
2-METHYL-2-BUTENE	3.68	3.92	
3-CHLOROPROPENE			
2.2-DIMETHYLBUTANE			
4-METHYL-1-PENTENE			
3-METHYL-1-PENTENE			
CYCLOPENTANE	0.64	0.85	
2.3-DIMETHYLBUTANE	1.07	0.92	
2-METHYLPENTANE	4.48	2.75	
3-METHYLPENTANE	3.35	1.89	
1-HEXENE			
CIS-1.2-DICHLOROETHENE			
2-CHLOROBUTANE			
HEXANE	5.33	3.02	
TRICHLOROMETHANE	8.15	10.74	
TRANS-3-HEXENE			
3-CHLORO-2-METHYLPROPENE	8.15	7.48	
METHYLCYCLOPENTANE	8.24	5.12	
1.2-DICHLOROETHANE			
1.1.1-TRICHLOROETHANE			
1-CHLOROBUTANE			
BENZENE	7.26	4.97	
TETRACHLOROMETHANE			
CYCLOHEXANE	0.65		
2.3-DIMETHYLPENTANE			
2-METHYLHEXANE	4.07	2.08	
CYCLOHEXENE			
3-METHYLHEXANE	2.19		
1.2-DICHLOROPROPANE			
2.3-DICHLOROPROPENE			
TRICHLOROETHENE			
2.2.4-TRIMETHYLPENTANE	5.30		

1-HEPTENE		
HEPTANE	2.72	1.50
1-CHLORO-3-METHYLBUTANE		
TRANS-2-HEPTENE		
METHYLCYCLOHEXANE	1.12	
4-METHYLCYCLOHEXENE		
2,5-DIMETHYLHEXANE	0.87	0.90
1-CHLOROPENTANE		
1,1,2-TRICHLOROETHANE		
TOLUENE	9.28	7.50
1,3-DICHLOROPROPANE		
2-METHYLHEPTANE		0.74
4-METHYLHEPTANE	1.01	
3-METHYLHEPTANE		
1,2-DIBROMOETHANE		
1-OCTENE		
TRANS-1,2-DIMETHYLCYCLOHEXANE		
TRANS-4-OCTENE		
TETRACHLOROETHENE		
2-METHYL-1-HEPTENE	1.59	1.37
OCTANE	1.85	1.15
2-OCTENE		
CIS-1,2-DIMETHYLCYCLOHEXANE		
CHLOROBENZENE		
ETHYLCYCLOHEXANE **		
PROPYLCYCLOPENTANE **		
1-CHLOROHEXANE		
ETHYLBENZENE	3.43	1.99
m/p-XYLENE	9.13	9.65
4-METHYLOCTANE		
2-METHYLOCTANE		
STYRENE		
1,4-DICHLOROBUTANE		
O-XYLENE	3.14	3.36
1,1,2,2-TETRACHLOROETHANE		
1,2,3-TRICHLOROPROPANE		
1-NONENE		
NONANE	1.15	1.58
ISOPROPYLBENZENE		
2-CHLOROTOLUENE		1.22
3-CHLOROTOLUENE		
PROPYLBENZENE	1.00	1.01
4-CHLOROTOLUENE	1.25	1.75
3-ETHYLTOLUENE	2.30	3.04
4-ETHYLTOLUENE		
1,3,5-TRIMETHYLBENZENE	2.57	3.33
2-ETHYLTOLUENE		
tert-BUTYLBENZENE **	6.26	6.58
1,2,4-TRIMETHYLBENZENE **		11.46
1,3-DICHLOROBENZENE		
1-DECENE		
(CHLOROMETHYL) BENZENE		
1,5-DICHLOROPENTANE		
DECANE	4.82	4.78
sec-BUTYLBENZENE	1.81	2.18
3-(CHLOROMETHYL)HEPTANE		
1,2,3-TRIMETHYLBENZENE		
ISOPROPYLMETHYLBENZENE	33.73	18.94
1,2-DICHLOROBENZENE		
INDAN		
BUTYLCYCLOHEXANE		
1,3-DIETHYLBENZENE		
1,4-DIETHYLBENZENE **	5.60	4.62
BUTYLBENZENE **	4.73	3.90
1,2-DIETHYLBENZENE		
UNDECANE	7.63	8.66

DECAHYDRONAPHTHALENE	7.13	8.09
1235-TETRAMETHYLBENZENE	8.77	11.84
1234-TETRAMETHYLBENZENE		
1234-TETRAHYDRONAPHTHALENE		
1,4-DIISOPROPYLBENZENE		
DODECANE	28.16	41.66

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Total # of compounds identified	46.00	44.00
Total # of peaks	144.00	169.00
Total area of peaks	21543.14	23891.60
Area of identified peaks	7323.60	3920.82
Area % identified peaks	34.00	16.41

Total hydrocarbons ug/m3:	271.26	233.65
Alkanes ug/m3	120.65	90.70
Cycloalkanes ug/m3	10.65	5.97
Alkenes ug/m3	9.43	8.72
Cycloalkenes ug/m3	0.00	0.00
Alkynes ug/m3	0.00	0.00
Aromatics ug/m3	106.14	102.46
Chlorinated alkanes ug/m3	9.15	11.75
Chlorinated alkenes ug/m3	8.15	7.48
Chlorinated aromatics ug/m3	1.25	2.97

Toluene:Ethylbenzene	2.71	3.77
Benzene:Ethylbenzene	2.12	2.50
Xylenes:Ethylbenzene	3.58	6.54
Ethylbenzene:Ethylbenzene	1.00	1.00

\*\*--AMBIGUOUS IDENTIFICATION ON BOTH COLUMNS

DRYDEN\_85 : A132

Start: 85/07/13 10:12 Scan: 60 sec .  
 Average: 30.00 min Report: 10.00 min  
 Loc: Small park just southeast of GLFPL on West River Road

Time	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
10:12-10:42	.4 1002.9	.006 4.	1.46 7.	.20	1.27	.01	nd	nd	.025	23.3
10:22-10:52	.4 1002.7	nd 6.	1.42 4.	.16	1.27	.01	nd	nd	.022	23.1
10:32-11:02	.4 1002.7	nd 8.	1.42 6.	.17	1.26	nd	nd	nd	.021	22.9
10:42-11:12	1.1 1002.7	nd 10.	1.44 6.	.17	1.27	nd	nd	nd	.022	22.8



Statistics	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
Units	ppm mbar-psi	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	ppm	W/cm^2	d C
Arith. Mean	.71 1002.8	.0038 -	1.450 -	.188	1.269	.011	.006	.005	.0237	23.0
Std. Dev.	2.01 .4	.0086 -	.136 -	.125	.042	.006	.003	.002	.0054	.3
Geo. Mean	.44 -	.0017 -	1.445 -	.175	1.269	.010	.006	.005	-	-
Geo.Std.Dev	1.00 -	2.5314 -	1.081 -	1.353	1.033	1.706	1.459	1.258	-	-
Min Reading	.20 999.6	.0010 .0	1.317 .2	.110	1.199	.005	.005	.005	.0126	22.4
Max Reading	16.29 1002.9	.0493 10.5	2.400 359.8	1.157	1.403	.028	.019	.018	.0542	23.9
Min Average	.40 1002.7	.0015 4.0	1.423 4.4	.164	1.262	.009	.006	.005	.0210	22.8
Max Average	1.05 1002.9	.0064 9.9	1.459 6.8	.197	1.273	.013	.007	.006	.0246	23.3
# Valid Rdgs	66. 66.	66. 66.	66. 66.	66.	66.	66.	66.	66.	66.	66.

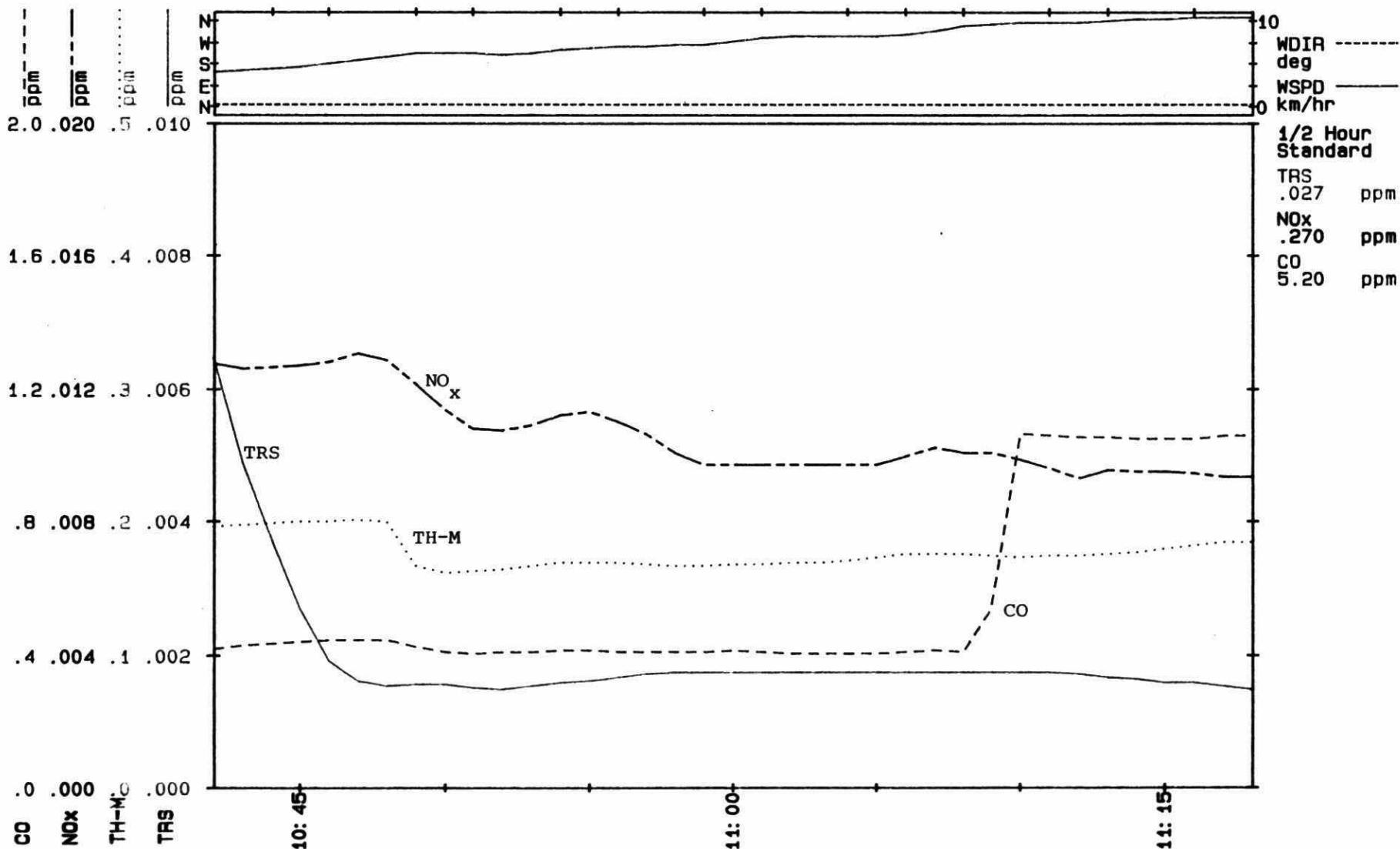
- Invalid Data / Not Calculated  
nd Average is less than Min. Detectable Level  
m One or more readings Missing

Percent Valid Data Required for Valid Average: 90.0 %  
Averaging Started at Nearest: .0 min

# DRYDEN\_85: A132

Start: 85/07/13 10:12 Scan: 60 sec. Ave: 30.00 min.  
 Loc: Small park just southeast of GLFPL on West River Road

.023		.023		.022		.022		.022		.021		.021		.021		.022		.022		.023		SRAD	W/cm^2
23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	TEMP	d C	
74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	73	HUM	%-rel		
1003	1003	1003	1003	1003	1003	1003	1003	1003	1003	1003	1003	1003	1003	1003	1003	1003	1003	1003	1003	BAR	mbar-msl		



DRYDEN\_85 : A133

Start: 05/07/13 12:25 Scan: 300 sec  
 Average: 30.00 min Report: 15.00 min  
 Loc: Overnight monitoring at MNR building

Time	CO Barom	TR6 Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
12:25-12:55	.2 1003.0	nd 20.	1.27 350.	.16	1.11	nd	nd	nd	.029	24.8
12:40-13:10	.3 1003.0	nd 22.	1.28 351.	.17	1.11	nd	nd	nd	.044	24.2
12:55-13:25	.3 1003.0	nd 23.	1.29 0.	.18	1.12	nd	nd	nd	.052	24.1
13:10-13:40	.4 1003.0	nd 22.	1.30 5.	.18	1.12	nd	nd	nd	.051	24.0
13:25-13:55	.4 1002.6	nd 18.	1.31 2.	.19	1.12	nd	nd	nd	.050	24.5
13:40-14:10	.3 1002.4	nd 21.	1.31 348.	.20	1.11	nd	nd	nd	.054	25.0
13:55-14:25	.3 1002.8	nd 23.	1.32 346.	.21	1.11	nd	nd	nd	.041	24.8
14:10-14:40	.4 1003.0	nd 19.	1.32 352.	.21	1.11	nd	nd	nd	.034	24.4
14:25-14:55	.3 1003.0	nd 18.	1.32 350.	.22	1.11	nd	nd	nd	.030	24.3
14:40-15:10	.4 1002.8	nd 19.	1.32 349.	.22	1.10	nd	nd	nd	.047	24.7
14:55-15:25	.4 1002.3	nd 20.	1.31 350.	.22	1.10	nd	nd	nd	.059	25.0
15:10-15:40	.3 1002.0	nd 22.	1.29 342.	.20	1.10	nd	nd	nd	.048	24.9
15:25-15:55	.3 1002.1	nd 23.	1.29 341.	.20	1.09	nd	nd	nd	.052	25.1
15:40-16:10	.3 1002.1	nd 20.	1.30 346.	.21	1.09	nd	nd	nd	.065	25.7
15:55-16:25	.3 1002.3	nd 17.	1.31 341.	.22	1.09	nd	nd	nd	.064	26.1
16:10-16:40	.3 1002.8	nd 20.	1.31 338.	.22	1.09	nd	nd	nd	.059	26.3

Time	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
16:25-16:55	.3 1002.9	nd 19.	1.32 338.	.21	1.09	nd	nd	nd	.046	25.9
16:40-17:10	.3 1002.8	nd 14.	1.31 333.	.22	1.09	nd	nd	nd	.037	26.0
16:55-17:25	.6 1002.8	nd 12.	1.32 330.	.24	1.09	nd	nd	nd	.029	25.9
17:10-17:40	.6 1003.0	nd 15.	1.32 334.	.23	1.10	nd	nd	nd	.012	24.6
17:25-17:55	.6 1003.0	nd 20.	1.32 335.	.22	1.10	nd	nd	nd	.012	23.5
17:40-18:10	.7 1003.0	nd 19.	1.34 336.	.24	1.11	nd	nd	nd	.024	23.3
17:55-18:25	.6 1003.0	nd 16.	1.34 334.	.23	1.12	nd	nd	nd	.034	24.5
18:10-18:40	.5 1003.0	nd 14.	1.31 322.	.19	1.12	nd	nd	nd	.031	25.7
18:25-18:55	.3 1003.0	nd 11.	1.32 311.	.19	1.13	nd	nd	nd	.023	25.4
18:40-19:10	.2 1003.0	nd 7.	1.33 306.	.20	1.13	nd	nd	nd	.019	25.1
18:55-19:25	.2 1003.0	nd 6.	1.34 301.	.21	1.14	nd	nd	nd	.017	25.1
19:10-19:40	.2 1003.2	nd 7.	1.34 302.	.20	1.14	nd	nd	nd	.013	24.5
19:25-19:55	.2 1003.6	nd 7.	1.34 309.	.20	1.14	nd	nd	nd	.010	23.8
19:40-20:10	.2 1003.9	nd 5.	1.34 320.	.20	1.15	nd	nd	nd	.009	23.4
19:55-20:25	.2 1004.0	nd 6.	1.37 317.	.22	1.16	nd	nd	nd	.008	23.3
20:10-20:40	.2 1004.0	nd 5.	1.38 301.	.22	1.17	nd	nd	nd	.004	22.4
20:25-20:55	.3 1004.0	nd 4.	1.42 289.	.25	1.17	nd	nd	nd	.001	21.6

Time	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
20:40-21:10	.4 1004.1	nd 1.	1.48 284.	.31	1.18	nd	nd	nd	.000	20.8
20:55-21:25	.4 1004.5	nd 0.	1.56 124.	.38	1.18	nd	nd	nd	.000	19.8
21:10-21:40	.3 1004.9	nd 0.	1.61 133.	.41	1.21	nd	nd	nd	.000	18.9
21:25-21:55	.3 1005.0	nd 0.	1.64 128.	.40	1.25	nd	nd	nd	.000	18.1
21:40-22:10	.3 1005.0	nd 0.	1.66 130.	.40	1.27	.02	.01	nd	.000	17.5
21:55-22:25	.5 1005.0	nd 0.	1.78 141.	.49	1.29	.02	.02	nd	.000	16.8
22:10-22:40	.5 1005.1	nd 0.	1.81 163.	.47	1.34	.02	nd	nd	.000	16.0
22:25-22:55	.5 1005.6	nd 0.	1.74 157.	.39	1.36	.02	nd	nd	.000	15.5
22:40-23:10	.4 1005.9	nd 0.	1.75 172.	.40	1.36	.02	nd	nd	.000	15.2
22:55-23:25	.3 1006.0	nd 0.	1.73 203.	.37	1.36	.01	nd	nd	.000	14.7
23:10-23:40	.3 1006.0	nd 0.	1.69 213.	.33	1.37	nd	nd	nd	.000	14.3
23:25-23:55	.4 1006.0	.003 0.	1.75 238.	.36	1.39	.02	nd	nd	.000	13.9
23:40-00:10	.4 1006.5	.004 0.	1.79 241.	.37	1.42	.02	nd	.01	.000	13.6
23:55-00:25	.4 1006.9	.004 0.	1.83 263.	.36	1.47	.02	nd	.01	.000	13.4
00:07/14										
00:10-00:40	.4 1007.0	.004 0.	1.88 244.	.41	1.47	.03	nd	.02	.000	13.3
00:25-00:55	.3 1007.0	.003 0.	1.86 190.	.40	1.46	.02	nd	.01	.000	12.9
00:40-01:10	.4 1007.4	nd 0.	1.90 154.	.44	1.47	.01	nd	nd	.000	12.8

Time	CO Barrel	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
00:55-01:25	.4 1007.9	nd 0.	1.85 130.	.41	1.45	.02	nd	nd	.000	12.8
01:10-01:40	.3 1008.0	nd 0.	1.77 140.	.35	1.43	.02	nd	.01	.000	12.7
01:25-01:55	.3 1008.0	nd 0.	1.83 140.	.42	1.41	.03	nd	.02	.000	12.4
01:40-02:10	.4 1008.0	nd 0.	1.82 139.	.41	1.42	.03	nd	.02	.000	12.1
01:55-02:25	.3 1008.0	nd 0.	1.73 153.	.32	1.42	.02	nd	.01	.000	11.9
02:10-02:40	.3 1008.1	.002 0.	1.77 167.	.36	1.42	nd	nd	nd	.000	11.7
02:25-02:55	.2 1008.4	.003 0.	1.81 153.	.40	1.41	nd	nd	nd	.000	11.5
02:40-03:10	.2 1008.0	nd 0.	1.73 131.	.36	1.38	nd	nd	nd	.000	11.6
02:55-03:25	.2 1009.0	nd 0.	1.62 118.	.28	1.35	.01	nd	nd	.000	12.0
03:10-03:40	.1 1009.0	nd 0.	1.54 142.	.21	1.34	nd	nd	nd	.000	12.2
03:25-03:55	.1 1009.0	nd 0.	1.52 148.	.21	1.32	.01	nd	nd	.000	12.3
03:40-04:10	.1 1009.0	nd 1.	1.51 318.	.20	1.31	.02	.01	nd	.000	12.6
03:55-04:25	.1 1009.2	nd 1.	1.51 319.	.20	1.32	.03	.02	nd	.000	12.6
04:10-04:40	.1 1009.4	nd 0.	1.52 144.	.20	1.33	.02	.02	nd	.000	12.3
04:25-04:55	.1 1009.7	nd 0.	1.51 145.	.19	1.33	.02	.01	nd	.000	12.3
04:40-05:10	.1 1010.0	nd 0.	1.50 298.	.18	1.32	.01	.01	nd	.000	12.5
04:55-05:25	.1 1010.0	.002 0.	1.51 293.	.21	1.31	.02	.01	nd	.000	12.7

Time	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
05:10-05:40	.1 1010.0	.004 0.	1.53 279.	.22	1.32	.01	.01	nd	.000	12.8
05:25-05:55	.1 1010.0	.004 0.	1.54 149.	.21	1.34	nd	nd	nd	.001	12.6
05:40-06:10	.1 1010.0	.003 1.	1.60 255.	.26	1.35	nd	nd	nd	.003	13.1
05:55-06:25	.2 1010.0	nd 3.	1.80 265.	.34	1.47	nd	nd	nd	.005	14.4
06:10-06:40	.1 1010.1	nd 4.	1.77 272.	.31	1.48	nd	nd	nd	.008	15.6
06:25-06:55	.1 1010.5	.003 2.	1.59 274.	.25	1.35	nd	nd	nd	.011	16.3
06:40-07:10	.1 1010.9	.003 1.	1.55 313.	.23	1.33	nd	nd	nd	.014	17.0
06:55-07:25	nd 1010.9	nd 2.	1.49 310.	.20	1.30	nd	nd	nd	.018	17.7
07:10-07:40	nd 1010.9	nd 5.	1.44 298.	.17	1.28	nd	nd	nd	.022	18.1
07:25-07:55	nd 1011.0	nd 10.	1.41 287.	.14	1.27	nd	nd	nd	.026	18.1
07:40-08:10	nd 1011.0	nd 15.	1.40 285.	.14	1.27	nd	nd	nd	.031	18.0

Statistics	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
Units	ppm mbar-msl	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	ppm	W/cm^2	d C
Arith. Mean	.29 1005.9	.0014 -	1.513 -	.267	1.252	.010	.007	.006	.0164	18.8
Std. Dev.	.20 3.0	.0010 -	.210 -	.105	.133	.008	.004	.005	.0215	5.4
Geo. Mean	.25 -	.0012 -	1.499 -	.250	1.245	.008	.006	.006	-	-
Geo.Std.Dev	1.80 -	1.5840 -	1.143 -	1.411	1.111	1.871	1.485	1.465	-	-
Min Reading	.05 1002.0	.0010 .0	1.255 .5	.140	1.088	.005	.005	.005	.0000	11.3
Max Reading	1.98 1011.0	.0069 27.7	2.132 359.2	.843	1.634	.048	.018	.039	.0862	26.8
Min Average	.08 1002.0	.0010 .0	1.271 .2	.144	1.092	.005	.005	.005	.0000	11.5
Max Average	.69 1011.0	.0043 23.5	1.902 352.1	.491	1.475	.027	.016	.022	.0651	26.3
# Valid Rds	238. 238.	238. 238.	238. 238.	238.	238.	238.	238.	238.	238.	238.

- Invalid Data / Not Calculated  
nd Average is less than Min. Detectable Level  
m One or more readings Missing

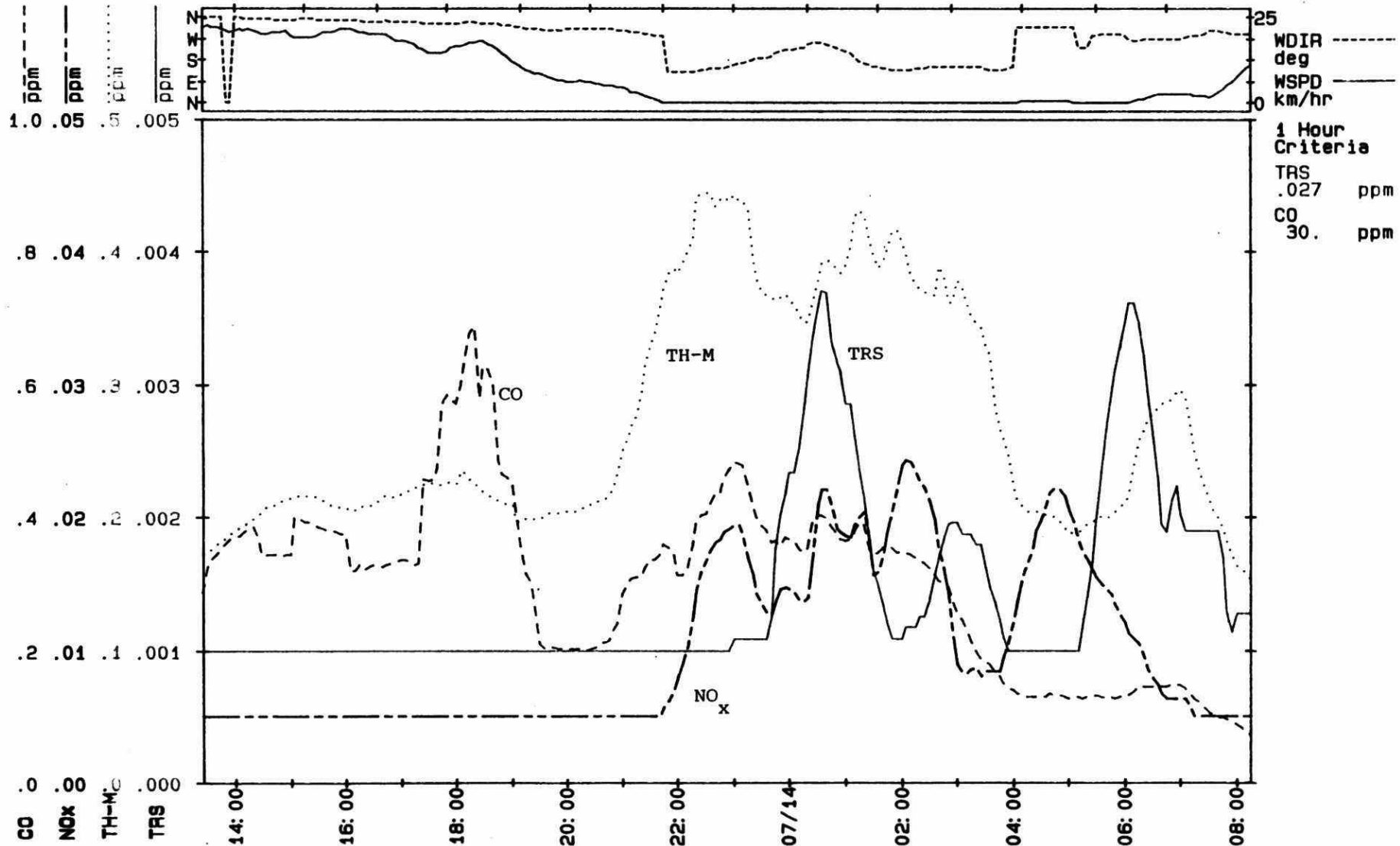
Percent Valid Data Required for Valid Average: 90.0 %  
Averaging Started at Nearest: .0 min



# DRYDEN\_85: A133

Start: 85/07/13 12:25 Scan: 300 sec. Ave: 60.00 min.  
Loc: Overnight monitoring at MNR building

														SRAD	W/cm^2
														TEMP	d C
														HUM	%-rel
														BAR	mbar-msl
.056	.044	.061	.023	.025	.009	.000	.000	.000	.000	.000	.000	.000	.006		
24	25	26	25	25	24	20	16	14	13	12	12	13	15		
64	63	57	60	58	64	79	96	100	100	100	100	100	98		
1003	1003	1002	1003	1003	1004	1005	1005	1006	1008	1008	1009	1010	1010		



DRYDEN SURVEY-85

MONITORING PERIOD	A132	NAMU#1
TIME	1015-1045	JULY 13/85
PROPANE	5.45	
PROPADIENE		
PROPYNE		
CHLOROMETHANE		
CYCLOPROPANE		
2-METHYLPROPANE	2.71	
CHLOROETHENE		
1-BUTENE		
1.3-BUTADIENE		
BUTANE	9.68	
1-BUTYNE		
CHLOROETHANE		
3-METHYL-1-BUTENE		
2-METHYLBUTANE	6.93	
1-PENTENE		
PENTANE	4.18	
2-METHYL-1.3-BUTADIENE	2.57	
TRANS-2-PENTENE **	1.45	
CIS-2-PENTENE **	1.69	
DICHLOROMETHANE		
2-METHYL-2-BUTENE		
3-CHLOROPROPENE		
2.2-DIMETHYLBUTANE		
4-METHYL-1-PENTENE		
3-METHYL-1-PENTENE		
CYCLOPENTANE		
2.3-DIMETHYLBUTANE		
2-METHYLPENTANE	2.77	
3-METHYLPENTANE	1.31	
1-HEXENE		
CIS-1.2-DICHLOROETHENE		
2-CHLOROBUTANE		
HEXANE	2.12	
TRICHLOROMETHANE		
TRANS-3-HEXENE		
3-CHLORO-2-METHYLPROPENE		
METHYLCYCLOPENTANE	1.04	
1.2-DICHLOROETHANE		
1.1.1-TRICHLOROETHANE		
1-CHLOROBUTANE		
BENZENE	5.18	
TETRACHLOROMETHANE		
CYCLOHEXANE		
2.3-DIMETHYLPENTANE		
2-METHYLHEXANE	2.31	
CYCLOHEXENE		
3-METHYLHEXANE	1.05	
1.2-DICHLOROPROPANE		
2.3-DICHLOROPROPENE		
TRICHLOROETHENE		
2.2.4-TRIMETHYLPENTANE	4.01	

1-HEPTENE	
HEPTANE	1.44
1-CHLORO-3-METHYLBUTANE	
TRANS-2-HEPTENE	
METHYLCYCLOHEXANE	
4-METHYLCYCLOHEXENE	
2,5-DIMETHYLHEXANE	0.62
1-CHLOROPENTANE	
1,1,2-TRICHLOROETHANE	
TOLUENE	4.71
1,3-DICHLOROPROPANE	
2-METHYLHEPTANE	
4-METHYLHEPTANE	0.81
3-METHYLHEPTANE	
1,2-DIBROMOETHANE	
1-OCTENE	
TRANS-1,2-DIMETHYLCYCLOHEXANE	
TRANS-4-OCTENE	
TETRACHLOROETHENE	
2-METHYL-1-HEPTENE	1.14
OCTANE	
2-OCTENE	
CIS-1,2-DIMETHYLCYCLOHEXANE	
CHLOROBENZENE	
ETHYLCYCLOHEXANE **	
PROPYLCYCLOPENTANE **	
1-CHLOROHEXANE	
ETHYLBENZENE	1.75
m/p-XYLENE	6.53
4-METHYLOCTANE	
2-METHYLOCTANE	
STYRENE	
1,4-DICHLOROBUTANE	
O-XYLENE	2.27
1,1,2,2-TETRACHLOROETHANE	
1,2,3-TRICHLOROPROPANE	
1-NONENE	
NONANE	0.99
ISOPROPYLBENZENE	
2-CHLOROTOLUENE	
3-CHLOROTOLUENE	
PROPYLBENZENE	
4-CHLOROTOLUENE	1.13
3-ETHYLTOLUENE	2.04
4-ETHYLTOLUENE	
1,3,5-TRIMETHYLBENZENE	1.27
2-ETHYLTOLUENE	0.91
tert-BUTYLBENZENE **	1.09
1,2,4-TRIMETHYLBENZENE **	
1,3-DICHLOROBENZENE	
1-DECENE	
(CHLOROMETHYL) BENZENE	
1,5-DICHLOROPENTANE	
DECANE	1.14
sec-BUTYLBENZENE	
3-(CHLOROMETHYL)HEPTANE	
1,2,3-TRIMETHYLBENZENE	0.95
ISOPROPYL4METHYLBENZENE	5.54
1,2-DICHLOROBENZENE	
INDAN	
BUTYLCYCLOHEXANE	
1,3-DIETHYLBENZENE	
1,4-DIETHYLBENZENE **	
BUTYLBENZENE **	
1,2-DIETHYLBENZENE	
UNDECANE	

DECAHYDRONAPHTHALENE	
1235-TETRAMETHYLBENZENE	
1234-TETRAMETHYLBENZENE	
1234-TETRAHYDRONAPHTHALENE	
1,4-DIISOPROPYLBENZENE	
DODECANE	2.97

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Total # of compounds identified	34.00
Total # of peaks	79.00
Total area of peaks	4996.80
Area of identified peaks	2762.27
Area % identified peaks	55.28

Total hydrocarbons ug/m3:	91.75
Alkanes ug/m3	45.04
Cycloalkanes ug/m3	1.04
Alkenes ug/m3	6.85
Cycloalkenes ug/m3	0.00
Alkynes ug/m3	0.00
Aromatics ug/m3	32.24
Chlorinated alkanes ug/m3	0.00
Chlorinated alkenes ug/m3	0.00
Chlorinated aromatics ug/m3	1.13

Toluene:Ethylbenzene	2.69
Benzene:Ethylbenzene	2.96
Xylenes:Ethylbenzene	5.03
Ethylbenzene:Ethylbenzene	1.00

\*\*-AMBIGUOUS IDENTIFICATION ON BOTH COLUMNS

DRYDEN\_85 : A141

Start: 85/07/14 09:29 Scan: 60 sec  
Average: 30.00 min Report: 10.00 min  
Loc: Corner of Albert Street & Van Horne Avenue

Time	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
09:29-09:59	.6 1010.1	.014 14.	1.76 278.	.42	1.35	.04	.02	.02	.019	19.7
09:39-10:09	.4 1010.2	.012 14.	1.77 278.	.39	1.38	.04	.02	.02	.019	19.6
09:49-10:19	.3 1010.3	.014 15.	1.78 276.	.39	1.40	.04	.01	.02	.019	19.6
09:59-10:29	.2 1010.4	.011 16.	1.69 280.	.32	1.37	.03	.01	.02	.017	19.4
10:09-10:39	.2 1010.5	.008 19.	1.63 284.	.29	1.35	.02	nd	.01	.015	19.1
10:19-10:49	.9 1012.6	.005 18.	1.60 288.	.25	1.36	nd	nd	nd	.013	18.5
10:29-10:59	.9 1012.8	.005 16.	1.65 287.	.27	1.38	nd	nd	nd	.012	17.8
10:39-11:09	.8 1010.8	.005 14.	1.63 287.	.25	1.39	nd	nd	nd	.013	17.3
10:49-11:19	nd 1010.9	.003 13.	1.55 287.	.19	1.37	nd	nd	nd	.014	17.0
10:59-11:29	nd 1010.9	.003 11.	1.51 290.	.17	1.35	nd	nd	nd	.014	16.9
11:09-11:39	nd 1011.0	.003 9.	1.55 290.	.20	1.36	.01	nd	nd	.012	17.0
11:19-11:49	nd 1011.1	.004 7.	1.68 286.	.32	1.38	.03	.01	.02	.010	17.0
11:29-11:59	nd 1011.1	.004 8.	1.71 291.	.34	1.38	.03	.01	.02	.010	16.8
11:39-12:09	nd 1011.2	.003 10.	1.65 300.	.29	1.37	.03	.01	.02	.019	16.8
11:49-12:19	nd 1011.1	nd 11.	1.51 307.	.17	1.34	nd	nd	nd	.030	17.0

Statistics	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
Units	ppm mbar-msl	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	ppm	W/cm <sup>2</sup>	d C
Arith. Mean	.33 1010.7	.0066 -	1.636 -	.281	1.363	.020	.010	.013	.0176	18.0
Std. Dev.	.02 .4	.0067 -	.177 -	.146	.053	.022	.008	.014	.0091	1.2
Geo. Mean	.12 -	.0041 -	1.627 -	.247	1.363	.012	.008	.008	-	-
Geo.Std.Dev	3.36 -	2.6462 -	1.110 -	1.656	1.038	2.695	1.919	2.228	-	-
Min Reading	.05 1009.3	.0010 1.3	1.407 249.4	.050	1.282	.005	.005	.005	.0054	16.5
Max Reading	7.08 1011.4	.0268 30.2	2.124 333.6	.701	1.657	.102	.032	.070	.0467	20.0
Min Average	.05 1010.1	.0020 7.2	1.507 276.1	.170	1.344	.005	.005	.005	.0097	16.8
Max Average	.91 1011.2	.0144 18.6	1.781 306.7	.419	1.397	.040	.017	.024	.0296	19.7
# Valid Rdgs	175. 175.	175. 175.	175. 175.	175.	175.	175.	175.	175.	175.	175.

- Invalid Data / Not Calculated

nd Average is less than Min. Detectable Level

m One or more readings Missing

Percent Valid Data Required for Valid Average: 90.0 %

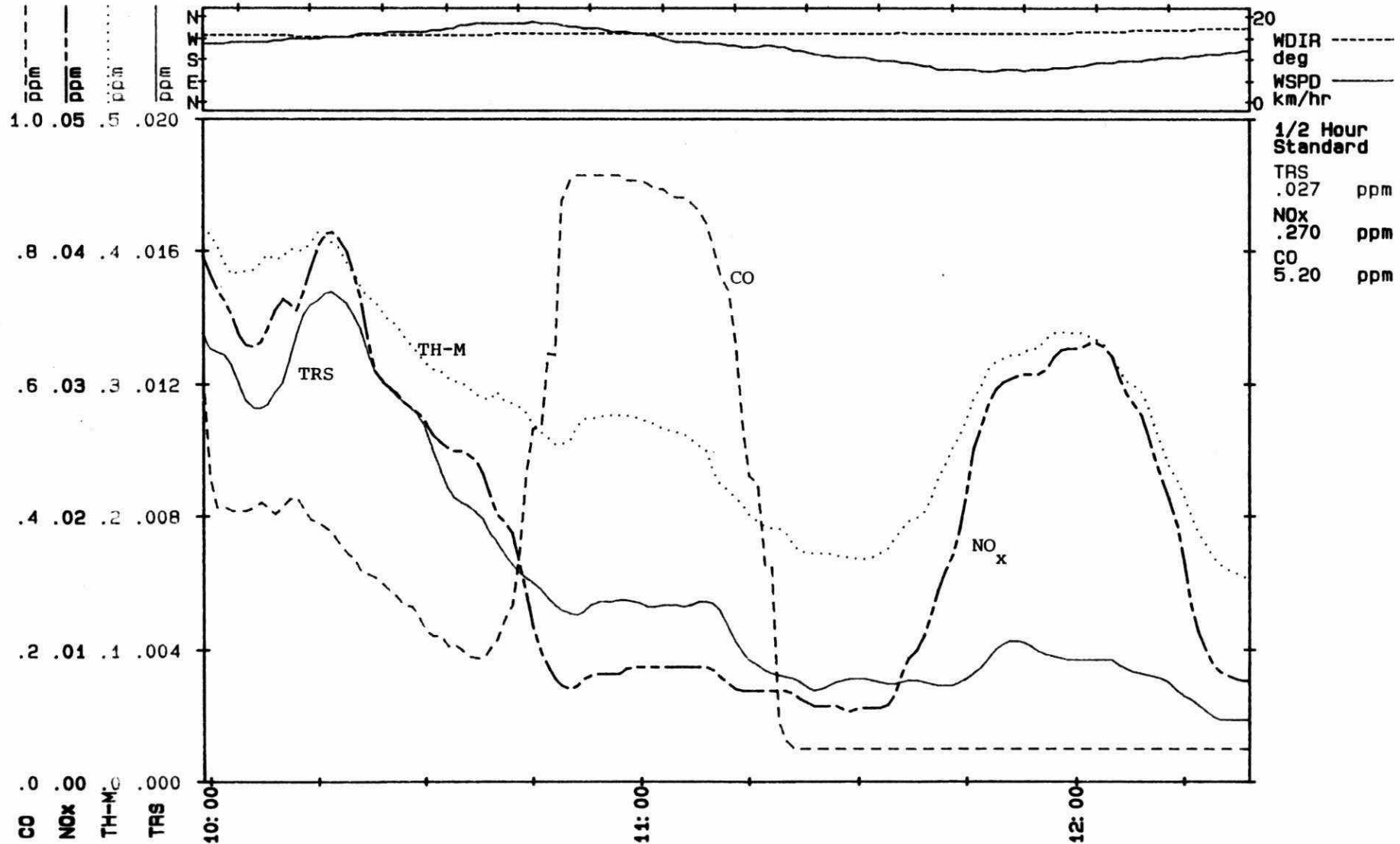
Averaging Started at Nearest: .0 min

# DRYDEN\_85: A141

Start: 85/07/14 09:29 Scan: 60 sec. Ave: 30.00 min.  
 Loc: Corner of Albert Street & Van Horne Avenue

.019	.019	.018	.016	.014	.012	.013	.014	.014	.013	.011	.010	.012	.023
20	20	19	19	19	18	18	17	17	17	17	17	17	17
68	68	68	69	71	74	78	83	86	89	91	92	93	93
1010	1010	1010	1010	1011	1011	1011	1011	1011	1011	1011	1011	1011	1011

SRAD	W/cm^2
TEMP	d C
HUM	%-rel
BAR	mbar-msl



DRYDEN\_85 : A142

Start: 85/07/14 12:39 Scan: 60 sec  
 Average: 30.00 min Report: 10.00 min  
 Loc: Clarifier Rd off Olson's Landing Road..downwind of main lagoon

Time	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
12:39-13:09	- 1011.8	.008 24.	1.70 293.	.29	1.43	nd	nd	nd	.050	19.3
12:49-13:19	- 1011.7	.009 22.	1.72 294.	.30	1.43	nd	nd	nd	.042	19.4
12:59-13:29	- 1011.7	.007 18.	1.69 298.	.27	1.42	nd	nd	nd	.036	19.5
13:09-13:39	- 1011.6	.007 14.	1.68 299.	.27	1.42	nd	nd	nd	.029	19.5
13:19-13:49	- 1011.5	.005 11.	1.65 310.	.25	1.41	nd	nd	nd	.019	19.1
13:29-13:59	- 1011.5	.012 10.	1.66 305.	.24	1.43	.03	nd	.03	.031	19.2
13:39-14:09	- 1011.5	.010 8.	1.60 294.	.20	1.41	.03	nd	.03	.041	19.7
13:49-14:19	- 1011.5	.011 9.	1.61 283.	.23	1.40	.03	nd	.03	.044	20.2
13:59-14:29	- 1011.4	.005 12.	1.57 278.	.23	1.35	nd	nd	nd	.034	20.1
14:09-14:39	- 1011.3	.008 15.	1.68 292.	.33	1.35	nd	nd	nd	.029	20.0
14:19-14:49	- 1011.3	.011 16.	1.74 296.	.40	1.34	nd	nd	nd	.028	19.9
14:29-14:59	- 1011.3	.013 17.	1.75 306.	.43	1.34	nd	nd	nd	.023	19.8
14:39-15:09	- 1011.3	.009 13.	1.58 319.	.30	1.29	nd	nd	nd	.016	19.4
14:49-15:19	- 1011.3	.004 11.	1.44 331.	.19	1.25	nd	nd	nd	.020	19.0



Statistics	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
Units	ppm mbar-psi	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	ppm	W/cm^2	d C
Arith. Mean	- 1011.5	.0060 -	1.629 -	.270	1.370	.010	.005	.010	.0335	19.5
Std. Dev.	- .2	.0099 -	.174 -	.129	.086	.031	.000	.038	.0229	.7
Geo. Mean	- -	.0053 -	1.620 -	.244	1.367	.006	.005	.006	-	-
Geo.Std.Dev	- -	2.6214 -	1.112 -	1.571	1.063	1.806	1.858	1.806	-	-
Min Reading	- 1011.2	.0010 .1	1.342 247.1	.050	1.221	.005	.005	.005	.0073	18.3
Max Reading	- 1011.9	.1092 38.9	2.231 357.4	.814	1.905	.344	.010	.424	.1098	21.2
Min Average	- 1011.3	.0043 8.4	1.440 278.0	.193	1.254	.005	.005	.005	.0163	19.0
Max Average	- 1011.8	.0130 24.4	1.753 331.1	.425	1.435	.028	.005	.034	.0500	20.2
# Valid Rdgs	0. 161.	161. 161.	161. 161.	161.	161.	161.	161.	161.	161.	161.

- Invalid Data / Not Calculated

nd Average is less than Min. Detectable Level

m One or more readings Missing

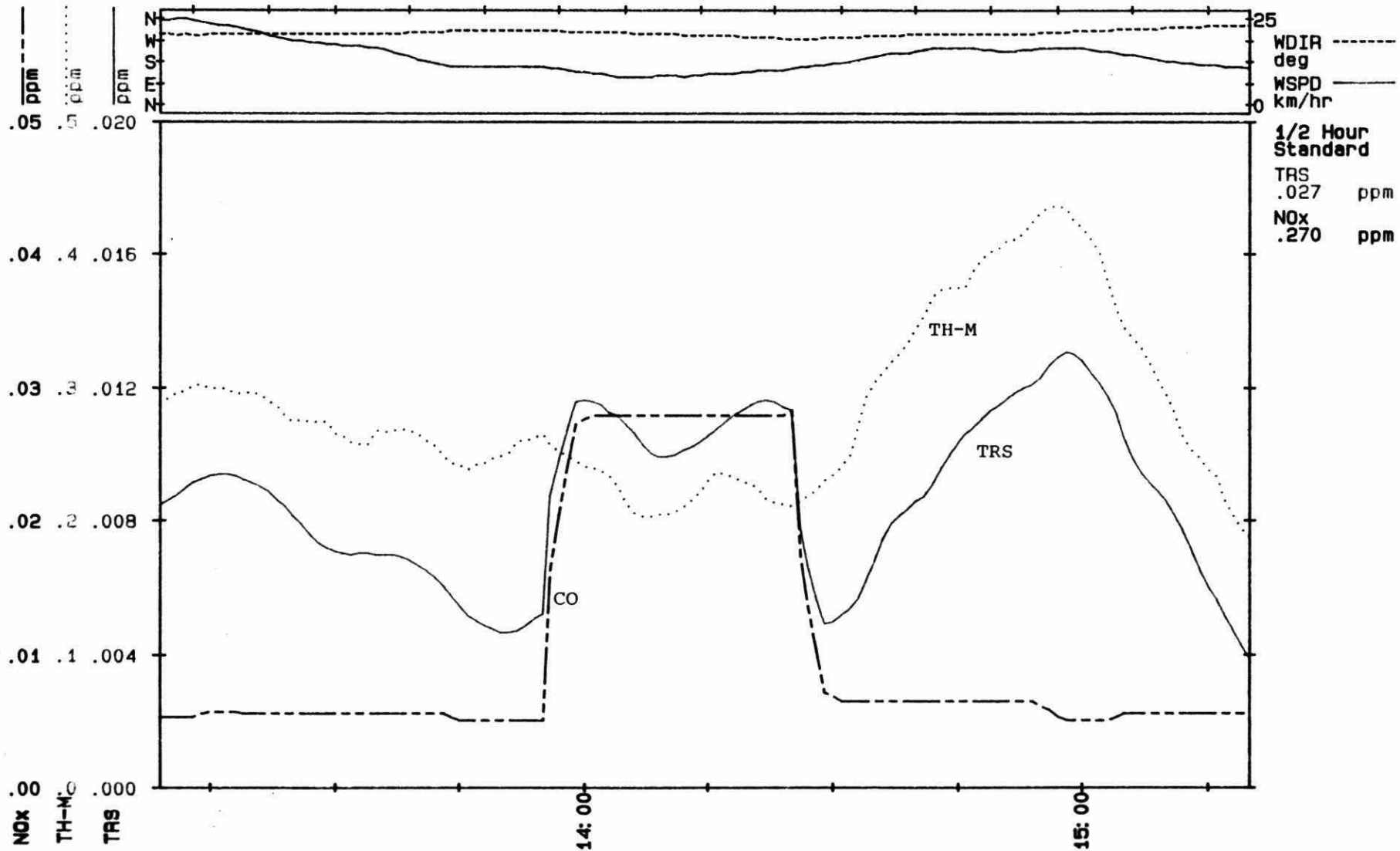
Percent Valid Data Required for Valid Average: 90.0 %

Averaging Started at Nearest: .0 min

# DRYDEN\_85: A142

Start: 85/07/14 12:39 Scan: 60 sec. Ave: 30.00 min.  
 Loc: Clarifier Rd off Olson's Landing Road..downwind of main lagoon

	.051	.039	.036	.029	.018	.027	.040	.043	.043	.032	.029	.028	.025	.018	.014	SRAD	W/cm^2
19	19	19	20	19	19	19	20	20	20	20	20	20	20	20	19	TEMP	d C
79	79	77	76	75	75	75	73	71	69	68	67	67	67	68	70	HUM	%-rel
1012	1012	1012	1012	1012	1012	1012	1012	1011	1011	1011	1011	1011	1011	1011	1011	BAR	mbar-msl



DRYDEN\_85 : A143

Start: 85/07/14 16:37 Scan: 300 sec  
Average: 30.00 min Report: 15.00 min  
Loc: Overnight monitoring at the MNR building

Time	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
16:37-17:07	- 1011.9	nd 18.	1.40 291.	.18	1.23	nd	nd	nd	.044	21.7
16:52-17:22	- 1011.6	nd 23.	1.41 283.	.19	1.22	nd	nd	nd	.047	21.9
17:07-17:37	- 1011.2	nd 24.	1.40 283.	.19	1.21	nd	nd	nd	.038	21.4
17:22-17:52	- 1011.2	nd 28.	1.39 294.	.18	1.21	nd	nd	nd	.016	20.1
17:37-18:07	- 1011.3	nd 28.	1.38 302.	.18	1.21	nd	nd	nd	.017	19.3
17:52-18:22	- 1011.2	nd 25.	1.39 301.	.18	1.21	nd	nd	nd	.031	20.2
18:07-18:37	- 1011.1	nd 29.	1.39 299.	.18	1.21	nd	nd	nd	.036	21.0
18:22-18:52	- 1011.1	nd 33.	1.40 303.	.18	1.22	nd	nd	nd	.038	20.7
18:37-19:07	- 1011.1	nd 31.	1.40 303.	.18	1.23	nd	nd	nd	.025	20.5
18:52-19:22	- 1011.0	nd 22.	1.41 307.	.18	1.24	nd	nd	nd	.019	20.5
19:07-19:37	- 1011.0	nd 19.	1.42 304.	.18	1.25	nd	nd	nd	.015	20.1
19:22-19:52	- 1011.1	nd 25.	1.42 301.	.18	1.25	nd	nd	nd	.014	19.6
19:37-20:07	- 1011.1	nd 26.	1.42 300.	.17	1.25	nd	nd	nd	.012	19.1
19:52-20:22	- 1011.1	nd 22.	1.42 295.	.17	1.26	nd	nd	nd	.008	18.4
20:07-20:37	- 1011.1	nd 20.	1.44 289.	.18	1.27	nd	nd	nd	.005	17.7
20:22-20:52	- 1011.4	nd 17.	1.45 287.	.18	1.28	nd	nd	nd	.003	17.0

Time	CO Barom	TR5 Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
20:37-21:07	- 1011.6	.003 14.	1.50 280.	.21	1.30	nd	nd	nd	.001	16.5
20:52-21:22	- 1012.0	.003 13.	1.55 270.	.24	1.32	nd	nd	nd	.000	16.4
21:07-21:37	- 1012.0	nd 13.	1.54 267.	.24	1.31	nd	nd	nd	.000	16.2
21:22-21:52	- 1012.0	nd 14.	1.52 267.	.24	1.30	nd	.01	nd	.000	16.0
21:37-22:07	- 1012.0	nd 15.	1.51 268.	.23	1.29	nd	nd	nd	.000	15.9
21:52-22:22	- 1012.0	nd 16.	1.49 268.	.21	1.28	nd	nd	nd	.000	15.7
22:07-22:37	- 1012.1	nd 16.	1.47 270.	.19	1.29	nd	nd	nd	.000	15.5
22:22-22:52	- 1012.5	.006 14.	1.50 274.	.20	1.31	nd	nd	nd	.000	15.3
22:37-23:07	- 1012.9	.008 11.	1.48 287.	.19	1.30	nd	nd	nd	.000	14.6
22:52-23:22	- 1013.0	.004 7.	1.44 302.	.16	1.28	nd	nd	nd	.000	13.5
23:07-23:37	- 1013.0	nd 4.	1.45 305.	.17	1.29	nd	nd	nd	.000	12.7
23:22-23:52	- 1013.0	nd 2.	1.46 314.	.18	1.29	nd	nd	nd	.000	12.4
23:37-00:07	- 1013.0	nd 1.	1.46 269.	.19	1.28	.01	.01	nd	.000	12.4
23:52-00:22	- 1013.0	.004 5.	1.54 265.	.24	1.31	.02	.02	nd	.000	13.2
00:07/15 00:07-00:37	- 1013.0	.006 7.	1.56 275.	.24	1.32	.01	nd	nd	.000	13.7
00:22-00:52	- 1013.0	.006 6.	1.47 293.	.18	1.30	nd	nd	nd	.000	13.4
00:37-01:07	- 1013.0	.003 14.	1.43 315.	.15	1.28	nd	nd	nd	.000	13.2

Time	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
00:52-01:22	- 1013.1	nd 17.	1.40 321.	.13	1.28	nd	nd	nd	.000	12.9
01:07-01:37	- 1013.2	nd 11.	1.38 321.	.12	1.27	nd	nd	nd	.000	12.5
01:22-01:52	- 1013.6	nd 9.	1.38 308.	.12	1.27	nd	nd	nd	.000	12.5
01:37-02:07	- 1013.9	nd 10.	1.38 298.	.12	1.27	nd	nd	nd	.000	12.6
01:52-02:22	- 1013.9	nd 8.	1.38 296.	.12	1.26	nd	nd	nd	.000	12.7
02:07-02:37	- 1013.9	nd 7.	1.38 298.	.12	1.26	nd	nd	nd	.000	12.7
02:22-02:52	- 1014.0	nd 8.	1.37 296.	.12	1.26	nd	nd	nd	.000	12.6
02:37-03:07	- 1014.0	nd 7.	1.38 297.	.12	1.26	nd	nd	nd	.000	12.5
02:52-03:22	- 1014.0	nd 6.	1.39 298.	.13	1.27	nd	nd	nd	.000	12.4
03:07-03:37	- 1014.0	nd 7.	1.39 292.	.13	1.27	nd	nd	nd	.000	12.4
03:22-03:52	- 1014.0	nd 7.	1.39 293.	.13	1.27	nd	nd	nd	.000	12.4
03:37-04:07	- 1014.0	nd 6.	1.41 298.	.13	1.28	nd	nd	nd	.000	12.3
03:52-04:22	- 1014.1	nd 6.	1.41 302.	.13	1.28	nd	nd	nd	.000	12.4
04:07-04:37	- 1014.2	nd 6.	1.40 305.	.13	1.28	nd	nd	nd	.000	12.5
04:22-04:52	- 1014.6	nd 7.	1.40 300.	.13	1.28	nd	nd	nd	.000	12.6
04:37-05:07	- 1015.0	nd 10.	1.40 297.	.13	1.28	nd	nd	nd	.000	12.6
04:52-05:22	- 1015.0	nd 11.	1.40 299.	.13	1.28	nd	nd	nd	.000	12.6

Time	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
05:07-05:37	- 1015.0	nd 11.	1.41 302.	.13	1.29	nd	nd	nd	.000	12.7
05:22-05:52	- 1015.0	nd 12.	1.41 302.	.13	1.29	nd	nd	nd	.000	12.8
05:37-06:07	- 1015.4	nd 14.	1.41 305.	.13	1.28	nd	nd	nd	.000	12.8
05:52-06:22	- 1015.8	nd 16.	1.46 308.	.18	1.29	nd	nd	nd	.001	12.8
06:07-06:37	- 1016.0	nd 18.	1.45 308.	.17	1.28	nd	nd	nd	.003	12.9
06:22-06:52	- 1016.0	nd 19.	1.40 307.	.13	1.28	nd	nd	nd	.005	13.1
06:37-07:07	- 1016.0	nd 18.	1.42 307.	.14	1.29	nd	nd	nd	.007	13.3
06:52-07:22	- 1016.0	nd 16.	1.42 305.	.14	1.29	nd	nd	nd	.009	13.5
07:07-07:37	- 1016.0	nd 17.	1.40 306.	.13	1.28	nd	nd	nd	.016	14.0
07:22-07:52	- 1016.0	nd 22.	1.41 310.	.13	1.29	nd	nd	nd	.023	14.8
07:37-08:07	- 1016.4	nd 25.	1.44 313.	.15	1.29	nd	nd	nd	.022	15.1
07:52-08:22	- 1016.8	nd 27.	1.45 315.	.17	1.29	nd	nd	nd	.017	14.8

Statistics	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
Units	ppm mbar-msl	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	ppm	W/cm^2	d C
Arith. Mean	- 1013.3	.0015 -	1.429 -	.165	1.272	.006	.006	.005	.0000	15.2
Std. Dev.	- 1.7	.0020 -	.058 -	.044	.029	.004	.003	.001	.0136	3.2
Geo. Mean	- -	.0012 -	1.428 -	.160	1.272	.005	.005	.005	-	-
Geo.Std.Dev	- -	1.7268 -	1.040 -	1.273	1.023	1.275	1.311	1.099	-	-
Min Reading	- 1011.0	.0010 .0	1.352 130.6	.104	1.206	.005	.005	.005	.0000	12.1
Max Reading	- 1016.9	.00124 39.8	1.713 328.9	.416	1.349	.052	.032	.018	.0638	22.8
Min Average	- 1011.0	.0010 1.2	1.373 265.2	.119	1.209	.005	.005	.005	.0000	12.3
Max Average	- 1016.8	.00079 33.3	1.555 320.9	.244	1.323	.019	.015	.007	.0469	21.9
# Valid Edgs	0. 190.	190. 190.	190. 190.	190.	190.	190.	190.	190.	190.	190.

- Invalid Data / Not Calculated  
nd Average is less than Min. Detectable Level  
m One or more readings Missing

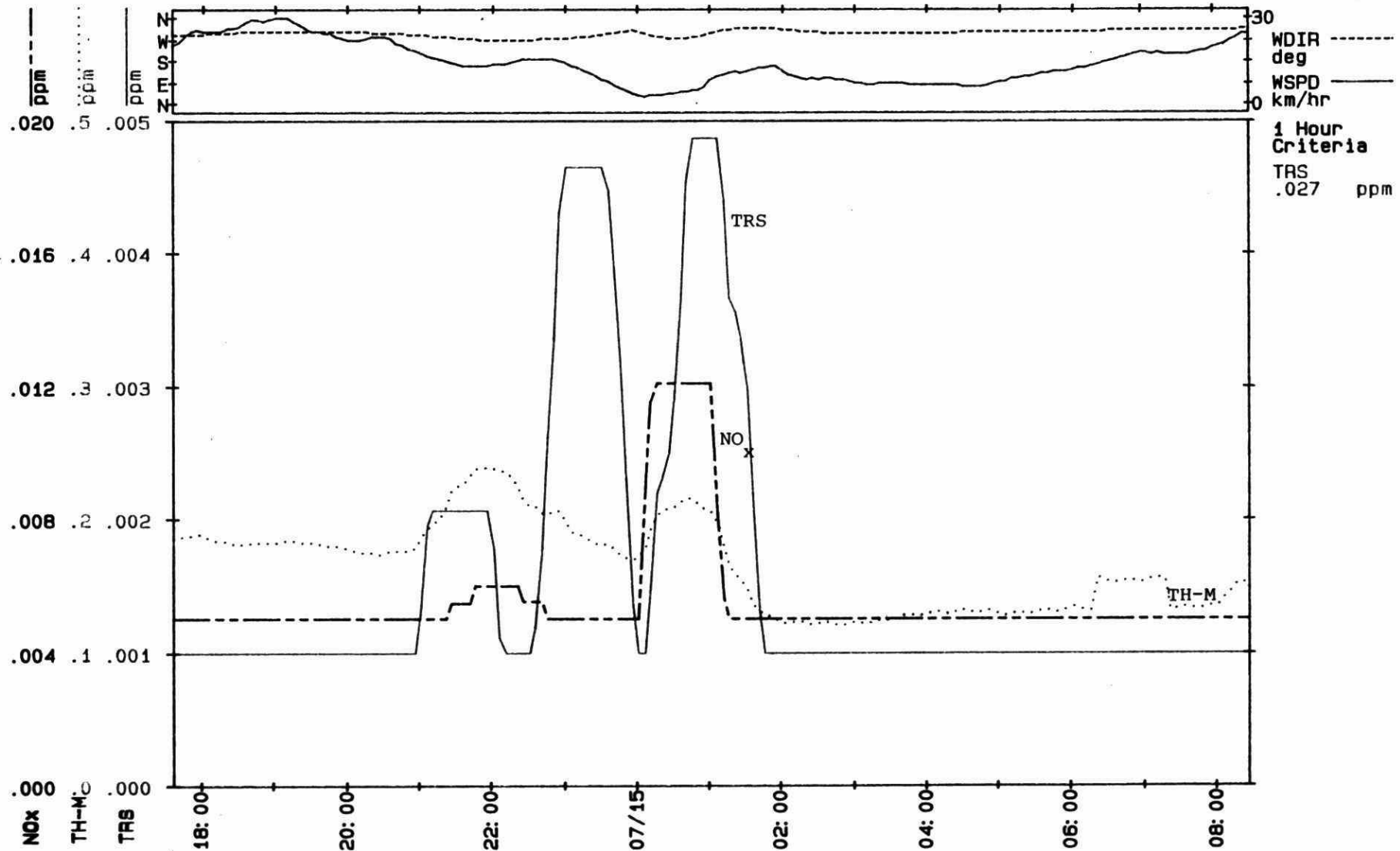
Percent Valid Data Required for Valid Average: 90.0 %  
Averaging Started at Nearest: .0 min

# DRYDEN\_85: A143

Start: 85/07/14 16:37 Scan: 300 sec. Ave: 60.00 min.

Loc: Overnight monitoring at the MNR building

.027		.032		.014		.004		.000		.000		.000		.000		.000		.000		.003		.017		SRAD	W/cm^2		
20		21		20		17		16		15		13		13		13		13		13		14		TEMP	d C		
69		--		81		--		--		--		--		100		100		100		100		95		HUM	%-rel		
1011		1011		1011		1011		1012		1012		1013		1013		1013		1014		1014		1015		1016		BAR	mbar-msl





DRYDEN\_05 : A152

Start: 05/07/15. 09:58 Scan: .60 sec  
 Average: 30.00 min Report: 10.00 min  
 Loc: Dryden Community Centre @ Whyte and Arthur Streets

Time	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
09:58-10:28	1.9 1015.7	.022 10.	2.18 243.	.85	1.33	.06	.02	.04	.019	16.1
10:08-10:38	1.8 1015.8	.020 13.	2.09 243.	.74	1.34	.07	.02	.04	.019	16.4
10:18-10:48	1.8 1015.8	.020 15.	1.94 251.	.61	1.33	.06	.02	.04	.023	16.6
10:28-10:58	1.6 1015.8	.013 16.	1.77 269.	.44	1.33	.04	.01	.03	.021	16.3

Statistics	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
Units	ppm mbar-msl	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	ppm	W/cm^2	d C
Arith. Mean	1.71 1015.8	.0161 -	1.966 -	.632	1.336	.052	.017	.035	.0198	16.0
Std. Dev.	.79 .1	.0097 -	.307 -	.295	.033	.026	.010	.017	.0077	1.0
Geo. Mean	1.54 -	.0114 -	1.944 -	.571	1.335	.046	.013	.032	-	-
Geo.Std.Dev	1.63 -	2.8754 -	1.161 -	1.578	1.024	1.714	2.088	1.583	-	-
Min Reading	.21 1015.0	.0010 1.7	1.563 200.1	.254	1.283	.017	.005	.015	.0061	13.6
Max Reading	4.44 1016.0	.0396 30.8	3.000 325.1	1.618	1.507	.115	.032	.085	.0430	17.3
Min Average	1.55 1015.7	.0128 10.3	1.768 242.7	.440	1.331	.044	.014	.031	.0195	16.1
Max Average	1.90 1015.9	.0219 15.5	2.183 268.8	.849	1.343	.066	.022	.043	.0234	16.6
# Valid Rdgs	65. 65.	65. 65.	65. 65.	65.	65.	65.	65.	65.	65.	65.

- Invalid Data / Not Calculated
- Average is less than Min. Detectable Level
- One or more readings Missing

Percent Valid Data Required for Valid Average: 90.0 %  
Averaging Started at Nearest: .0 min



Start: 85/07/15 11:10 Scan: 60 sec  
 Average: 30.00 min Report: 10.00 min  
 Loc: Public dock at Victoria Street & Riverview Drive

Time	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
11:10-11:40	.6 1015.1	.002 24.	1.62 9.	.32	1.30	.01	nd	nd	.055	15.8
11:20-11:50	.7 1015.1	.004 25.	1.69 1.	.38	1.31	.02	nd	.01	.036	15.9
11:30-12:00	.9 1015.1	.006 21.	1.75 348.	.42	1.33	.02	nd	.01	.029	15.6
11:40-12:10	.9 1015.1	.007 18.	1.73 330.	.40	1.34	.02	nd	.01	.039	15.7
11:50-12:20	1.1 1015.0	.010 18.	1.73 338.	.40	1.34	.02	nd	.01	.049	16.4
12:00-12:30	.9 1015.0	.013 21.	1.77 341.	.45	1.32	.02	nd	.02	.062	17.1
12:10-12:40	1.0 1014.9	.017 23.	1.84 341.	.51	1.32	.02	nd	.02	.064	17.6
12:20-12:50	.8 1014.9	.014 25.	1.80 342.	.48	1.33	.02	nd	.02	.073	17.7
12:30-13:00	.7 1014.9	.007 28.	1.66 356.	.34	1.33	.02	nd	.01	.071	18.0

Statistics	CO Barom	TRS Wind-Std	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
Units	ppm mbar-msl	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	ppm	W/cm^2	d C
Arith. Mean	.83 1015.0	.0078 -	1.701 -	.382	1.321	.017	.007	.013	.0553	16.7
Std. Dev.	.64 .1	.0081 -	.163 -	.150	.027	.012	.004	.007	.0299	1.2
Geo. Mean	.70 -	.0047 -	1.693 -	.355	1.321	.013	.006	.011	-	-
Geo. Std. Dev	1.69 -	2.8362 -	1.097 -	1.463	1.020	2.075	1.405	1.784	-	-
Min Reading	.14 1014.9	.0010 9.1	1.475 .2	.185	1.287	.005	.005	.005	.0093	14.6
Max Reading	4.89 1015.3	.0363 40.2	2.335 359.0	.970	1.435	.055	.023	.034	.1132	19.2
Min Average	.62 1014.9	.0022 17.8	1.618 .7	.321	1.299	.012	.005	.010	.0294	15.6
Max Average	1.08 1015.1	.0171 28.0	1.835 356.1	.513	1.337	.024	.008	.019	.0729	18.0
# Valid Rds	114. 114.	114. 114.	114. 114.	114.	114.	114.	114.	114.	114.	114.

- Invalid Data / Not Calculated

nd Average is less than Min. Detectable Level

% One or more readings Missing

Percent Valid Data Required for Valid Average: 90.0 %

Averaging Started at Nearest: .0 min

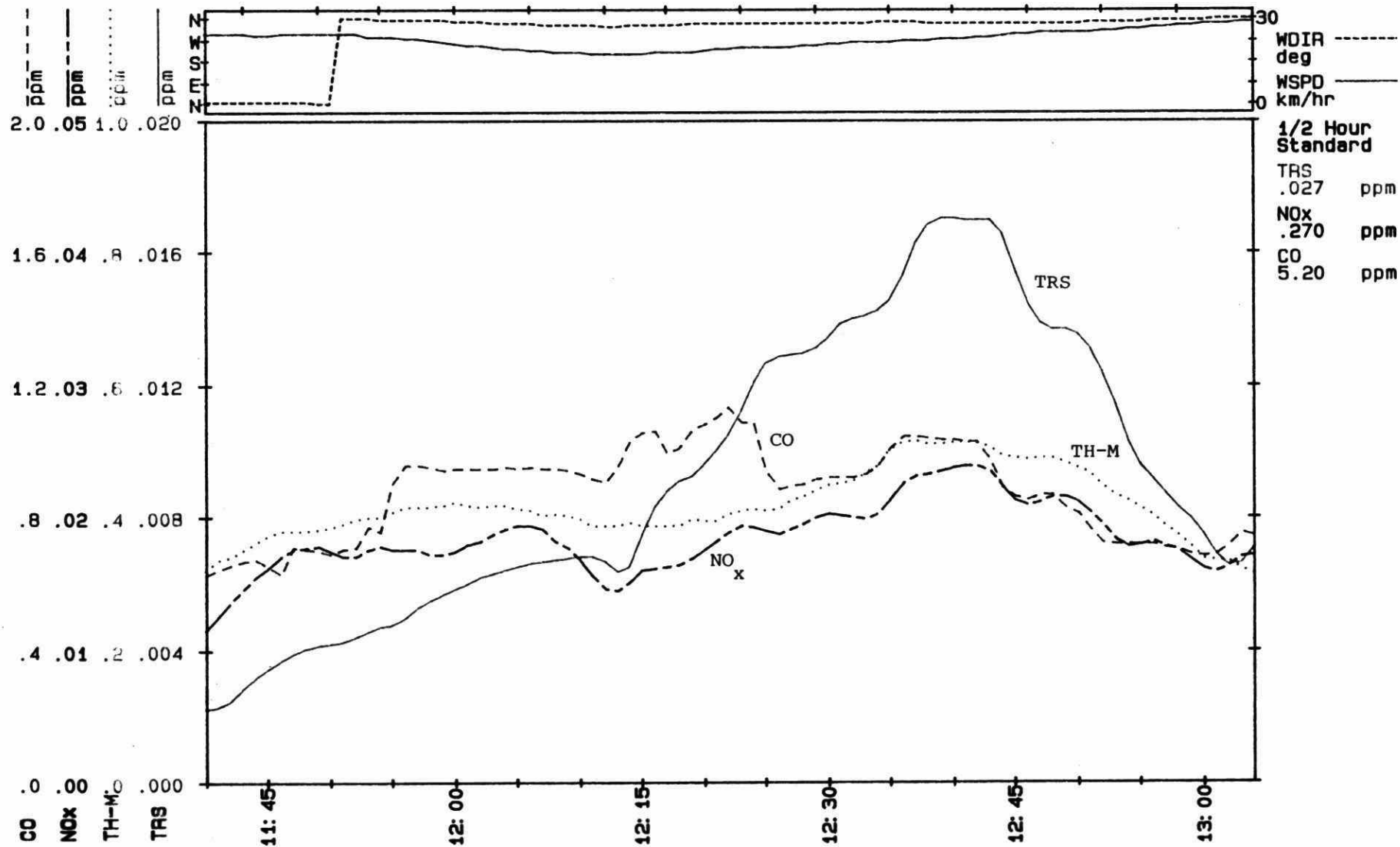
# DRYDEN\_85: A153

Start: 85/07/15 11:10 Scan: 60 sec. Ave: 30.00 min.

Loc: Public dock at Victoria Street & Riverview Drive

.047	.037	.032	.029	.032	.043	.047	.052	.062	.065	.064	.067	.072	.071
16	16	16	16	16	16	16	17	17	17	18	18	18	18
91	90	90	90	90	89	87	84	82	79	80	82	82	82
1015	1015	1015	1015	1015	1015	1015	1015	1015	1015	1015	1015	1015	1015

SRAD	W/cm^2
TEMP	d C
HUM	%-rel
BAR	mbar-msl



DRYDEN\_05 : A154

Start: 85/07/15 13:27 Scan: 60 sec  
 Average: 30.00 min Report: 10.00 min  
 Loc: 100 m west of Olson's Landing Road on Wilson Road..downwind of lagoon

Time	CO Baron	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
13:27-13:57	.7 1014.9	.012 24.	1.63 343.	.29	1.34	nd	nd	nd	.055	17.9
13:37-14:07	.4 1015.0	.011 23.	1.62 343.	.28	1.34	nd	nd	nd	.057	17.9
13:47-14:17	.4 1015.0	.010 22.	1.61 345.	.27	1.35	nd	nd	nd	.075	18.4
13:57-14:27	.4 1015.0	.011 22.	1.60 345.	.26	1.34	nd	nd	nd	.073	18.6
14:07-14:37	.4 1015.0	.011 23.	1.60 342.	.26	1.34	nd	nd	nd	.081	18.8
14:17-14:47	.4 1015.0	.011 25.	1.61 337.	.27	1.34	nd	nd	nd	.080	18.9
14:27-14:57	.4 1014.9	.010 24.	1.61 340.	.27	1.34	nd	nd	nd	.077	19.0
14:37-15:07	.4 1015.0	.010 24.	1.60 341.	.26	1.35	nd	nd	nd	.076	19.2
14:47-15:17	.4 1015.0	.009 23.	1.59 346.	.25	1.34	nd	nd	nd	.076	19.4
14:57-15:27	.4 1015.0	.009 23.	1.59 340.	.25	1.34	.02	nd	.02	.077	19.7
15:07-15:37	.4 1015.0	.009 23.	1.60 342.	.26	1.34	.02	nd	.02	.074	19.6
15:17-15:47	.4 1015.0	.010 21.	1.62 340.	.28	1.35	.03	nd	.02	.072	19.6
15:27-15:57	.4 1015.0	.009 22.	1.63 345.	.28	1.35	.02	nd	.01	.068	19.6

Statistics	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
Units	ppm mbar-msl	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	ppm	W/cm^2	d C
Arith. Mean	.48 1015.0	.0101 -	1.611 -	.270	1.344	.010	.005	.010	.0698	19.0
Std. Dev.	.60 .1	.0023 -	.042 -	.029	.016	.022	.003	.018	.0219	.8
Geo. Mean	.43 -	.0098 -	1.610 -	.268	1.344	.006	.005	.006	-	-
Geo.Std.Dev	1.37 -	1.2701 -	1.026 -	1.115	1.012	2.016	1.252	1.926	-	-
Min Reading	.17 1014.7	.0045 10.2	1.498 .1	.189	1.313	.005	.005	.005	.0178	16.9
Max Reading	7.54 1015.1	.0162 38.1	1.716 359.7	.364	1.389	.179	.032	.144	.1008	20.3
Min Average	.40 1014.9	.0057 21.3	1.587 337.3	.249	1.338	.005	.005	.005	.0548	17.9
Max Average	.74 1015.0	.0119 24.7	1.627 346.0	.290	1.350	.026	.007	.023	.0811	19.7
# Valid Rdgs	154. 154.	154. 154.	154. 154.	154.	154.	154.	154.	154.	154.	154.

- Invalid Data / Not Calculated  
nd Average is less than Min. Detectable Level  
m One or more readings Missing

Percent Valid Data Required for Valid Average: 90.0 %  
Averaging Started at Nearest: .0 min

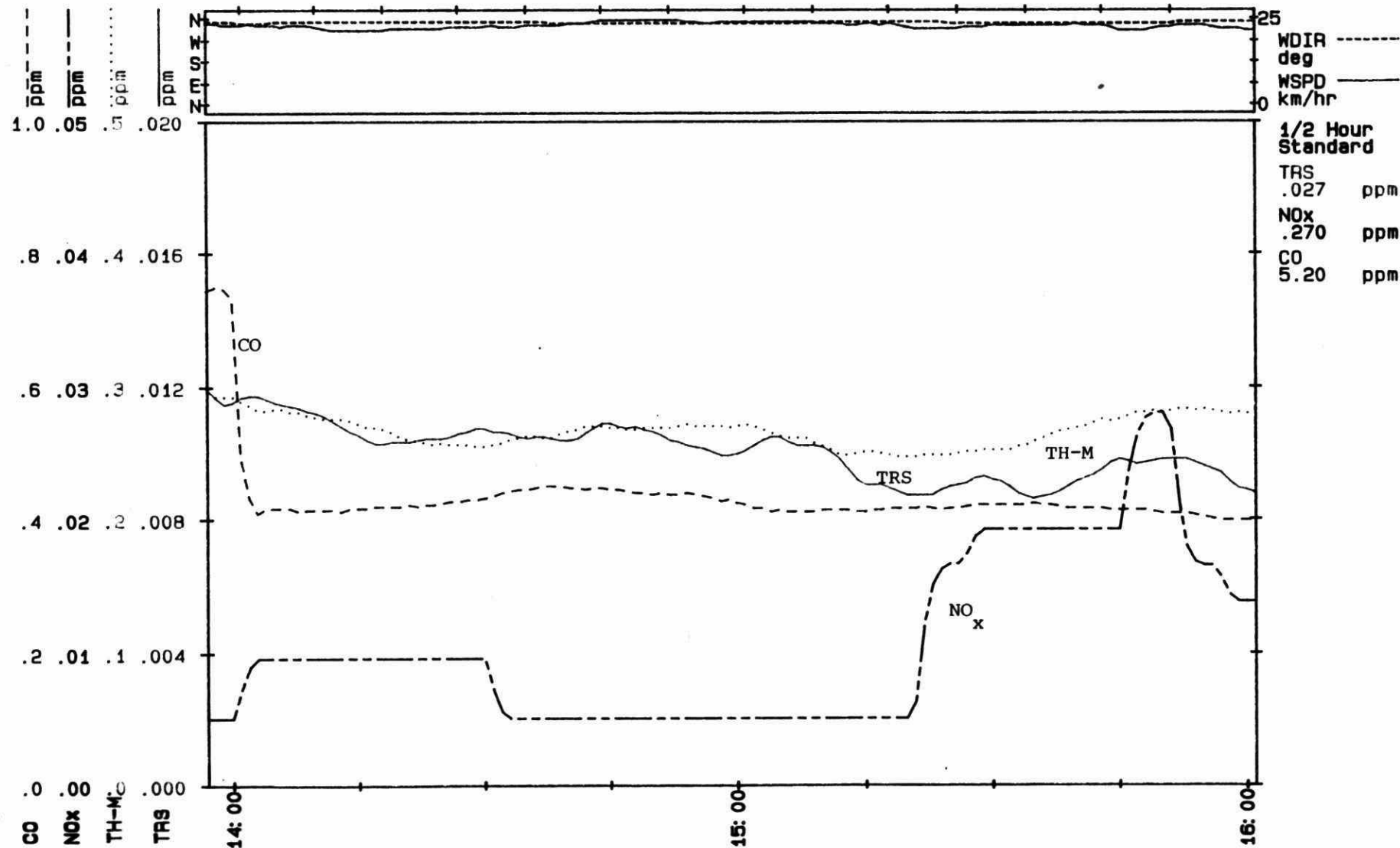


# DRYDEN\_85: A154

Start: 85/07/15 13:27 Scan: 60 sec. Ave: 30.00 min.  
 Loc: 100 m west of Olson's Landing Road on Wilson Road..downwind of lagoon

.060	.063	.073	.073	.079	.081	.077	.076	.076	.076	.077	.075	.073	.070
18	18	18	19	19	19	19	19	19	19	20	20	20	20
81	85	84	88	90	89	--	--	--	--	--	--	--	--
1015	1015	1015	1015	1015	1015	1015	1015	1015	1015	1015	1015	1015	1015

SRAD	W/cm^2
TEMP	d C
HUM	%-rel
BAR	mbar-msl



DRYDEN\_85 : A155

Start: 85/07/15 16:17 Scan: 300 sec  
Average: 30.00 min Report: 15.00 min  
Loc: Overnight monitoring at the MNR building

Time	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
16:17-16:47	.3 1016.1	.003 21.	1.50 342.	.20	1.31	nd	nd	nd	.063	20.0
16:32-17:02	.2 1016.0	nd 25.	1.50 342.	.20	1.30	nd	nd	nd	.061	19.7
16:47-17:17	.2 1016.0	nd 24.	1.49 349.	.21	1.29	nd	nd	nd	.057	19.3
17:02-17:32	.2 1016.0	nd 21.	1.50 348.	.22	1.28	nd	nd	nd	.053	19.5
17:17-17:47	.2 1016.0	nd 21.	1.50 346.	.23	1.28	nd	nd	nd	.049	19.5
17:32-18:02	.2 1016.0	nd 22.	1.52 347.	.24	1.28	nd	nd	nd	.046	19.5
17:47-18:17	.1 1016.0	nd 22.	1.52 344.	.25	1.28	nd	nd	nd	.042	19.6
18:02-18:32	.1 1016.0	nd 21.	1.53 341.	.25	1.28	nd	nd	nd	.038	19.6
18:17-18:47	.1 1016.0	nd 20.	1.53 338.	.25	1.28	nd	nd	nd	.034	19.9
18:32-19:02	.1 1016.0	nd 16.	1.51 345.	.23	1.28	nd	nd	nd	.030	19.7
18:47-19:17	.2 1016.0	nd 14.	1.49 359.	.21	1.28	nd	nd	nd	.026	19.2
19:02-19:32	.2 1016.0	nd 12.	1.48 4.	.21	1.28	nd	nd	nd	.022	18.4
19:17-19:47	.2 1016.0	nd 11.	1.47 5.	.20	1.27	nd	nd	nd	.018	17.7
19:32-20:02	.2 1016.5	nd 10.	1.47 7.	.20	1.27	nd	nd	nd	.014	17.3
19:47-20:17	.2 1016.9	nd 6.	1.47 14.	.20	1.27	nd	nd	nd	.011	16.9
20:02-20:32	.2 1016.9	nd 4.	1.46 26.	.20	1.27	nd	nd	nd	.007	16.4

Time	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
20:17-20:47	.2 1016.9	nd 5.	1.46 37.	.19	1.27	nd	nd	nd	.004	15.6
20:32-21:02	.2 1017.0	nd 4.	1.45 44.	.19	1.27	nd	nd	nd	.002	14.9
20:47-21:17	.5 1017.0	nd 2.	1.46 42.	.20	1.27	nd	nd	nd	.000	14.2
21:02-21:32	.8 1017.0	nd 0.	1.49 264.	.22	1.28	nd	nd	nd	.000	13.4
21:17-21:47	.7 1017.0	nd 0.	1.55 249.	.27	1.28	nd	nd	nd	.000	12.4
21:32-22:02	.5 1017.0	nd 0.	1.61 234.	.33	1.29	.01	nd	.01	.000	11.3
21:47-22:17	.6 1017.1	nd 0.	1.72 259.	.40	1.32	.05	.01	.04	.000	10.4
22:02-22:32	.9 1017.6	nd 0.	1.87 298.	.50	1.37	.08	.02	.06	.000	9.8
22:17-22:47	.6 1017.9	nd 0.	1.76 268.	.41	1.36	.05	.01	.04	.000	9.2
22:32-23:02	.5 1017.9	nd 0.	1.69 258.	.35	1.34	.03	nd	.02	.000	8.6
22:47-23:17	.5 1018.0	nd 0.	1.70 69.	.37	1.33	.04	nd	.03	.000	8.4
23:02-23:32	.4 1018.0	nd 0.	1.63 70.	.31	1.32	.03	nd	.02	.000	8.2
23:17-23:47	.3 1018.0	nd 0.	1.63 299.	.30	1.34	.02	nd	.01	.000	7.9
23:32-00:02	.3 1018.0	nd 0.	1.64 266.	.29	1.35	.02	.01	.01	.000	7.7
23:47-00:17	.3 1018.0	nd 0.	1.71 263.	.31	1.41	.02	.01	.01	.000	7.4
95/07/16 00:02-00:32	.4 1018.3	nd 0.	1.79 277.	.36	1.43	.03	.01	.02	.000	7.3
00:17-00:47	.4 1018.7	nd 0.	1.78 285.	.38	1.41	.04	.01	.03	.000	7.3

Time	CO Barom	TRS - Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
00:32-01:02	.4 1018.9	nd 0.	1.73 285.	.35	1.39	.04	.01	.02	.000	7.1
00:47-01:17	.4 1019.0	nd 0.	1.71 289.	.34	1.37	.04	.01	.02	.000	7.1
01:02-01:32	.3 1019.0	nd 0.	1.71 281.	.32	1.38	.03	.01	.02	.000	7.2
01:17-01:47	.3 1019.0	nd 0.	1.74 273.	.34	1.41	.03	.01	.02	.000	7.0
01:32-02:02	.3 1019.0	nd 0.	1.80 257.	.35	1.46	.03	.01	.01	.000	6.6
01:47-02:17	.2 1019.0	nd 0.	1.81 243.	.32	1.50	.02	nd	nd	.000	6.2
02:02-02:32	.2 1019.0	nd 0.	1.82 233.	.32	1.50	.02	nd	nd	.000	6.1
02:17-02:47	.2 1019.2	nd 0.	1.77 161.	.30	1.47	.02	.01	nd	.000	6.6
02:32-03:02	.2 1019.6	nd 1.	1.67 155.	.26	1.41	.01	nd	nd	.000	7.8
02:47-03:17	.2 1020.0	nd 1.	1.69 155.	.28	1.41	nd	nd	nd	.000	7.6
03:02-03:32	.2 1020.0	nd 0.	1.76 232.	.30	1.46	nd	nd	nd	.000	6.8
03:17-03:47	.2 1020.0	nd 0.	1.79 233.	.31	1.48	nd	nd	nd	.000	5.4
03:32-04:02	.2 1020.0	nd 1.	1.77 151.	.32	1.45	nd	nd	nd	.000	6.4
03:47-04:17	.3 1020.0	nd 4.	1.64 152.	.27	1.36	nd	nd	nd	.000	8.9
04:02-04:32	.2 1020.0	nd 5.	1.55 151.	.22	1.33	nd	nd	nd	.000	10.5
04:17-04:47	.2 1020.1	nd 5.	1.55 149.	.22	1.33	nd	nd	nd	.000	10.8
04:32-05:02	.2 1020.4	nd 5.	1.54 151.	.22	1.33	nd	nd	nd	.000	10.9

Time	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
04:47-05:17	.2 1020.8	nd 4.	1.54 155.	.22	1.32	nd	nd	nd	.000	11.2
05:02-05:32	.2 1020.9	nd 3.	1.55 158.	.23	1.32	nd	nd	nd	.000	10.9
05:17-05:47	.2 1021.0	nd 4.	1.56 158.	.24	1.32	nd	nd	nd	.001	11.1
05:32-06:02	.2 1021.0	nd 5.	1.57 162.	.25	1.32	nd	nd	nd	.002	11.6
05:47-06:17	.3 1021.0	nd 4.	1.58 170.	.26	1.32	nd	nd	nd	.005	12.2
06:02-06:32	.2 1021.0	nd 3.	1.59 173.	.27	1.32	nd	nd	nd	.008	12.8
06:17-06:47	.3 1021.0	nd 2.	1.63 163.	.30	1.34	nd	nd	nd	.011	13.6
06:32-07:02	.4 1021.0	nd 3.	1.73 144.	.38	1.35	nd	nd	nd	.014	14.2
06:47-07:17	.3 1021.0	nd 7.	1.74 145.	.41	1.34	.01	nd	nd	.017	14.6
07:02-07:32	.3 1021.0	nd 9.	1.69 150.	.36	1.34	nd	nd	nd	.021	14.9
07:17-07:47	.3 1021.0	nd 8.	1.71 151.	.37	1.34	nd	nd	nd	.025	15.4
07:32-08:02	.4 1021.0	nd 9.	2.02 146.	.68	1.34	nd	nd	nd	.029	16.0
07:47-08:17	.4 1021.0	nd 10.	2.20 149.	.84	1.35	.01	nd	nd	.034	16.4
08:02-08:32	.3 1021.0	nd 10.	1.93 156.	.57	1.36	nd	nd	nd	.037	16.9

Statistics	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
Units	ppm mbar-msl	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	ppm	W/cm^2	d C
Arith. Mean	.29 1018.5	.0011 -	1.640 -	.302	1.341	.014	.007	.010	.0128	12.5
Std. Dev.	.25 1.9	.0005 -	.183 -	.151	.067	.018	.004	.013	.0187	4.8
Geo. Mean	.24 -	.0010 -	1.632 -	.282	1.340	.009	.006	.007	-	-
Geo.Std.Dev	1.71 -	1.2514 -	1.105 -	1.391	1.050	2.343	1.508	1.991	-	-
Min Reading	.05 1016.0	.0010 .0	1.441 1.1	.178	1.261	.005	.005	.005	.0000	5.3
Max Reading	2.28 1021.0	.0052 28.8	2.786 359.5	1.431	1.539	.125	.025	.099	.0640	20.3
Min Average	.13 1016.0	.0010 .0	1.454 3.8	.190	1.267	.005	.005	.005	.0000	5.4
Max Average	.86 1021.0	.0032 24.6	2.196 358.8	.842	1.504	.078	.015	.062	.0631	20.0
# Valid Rdgs	195. 195.	195. 195.	195. 195.	195.	195.	195.	195.	195.	195.	195.

- Invalid Data / Not Calculated

nd Average is less than Min. Detectable Level

n One or more readings Missing

Percent Valid Data Required for Valid Average: 90.0 %

Averaging Started at Nearest: .0 min



DRYDEN SURVEY-85

MONITORING PERIOD	A152	A153	A153	A154	A154	A154	MANU#1 JULY 15/85
TIME	0959-1029	1112-1142	1212-1242	1327-1357	1427-1457	1529-1559	
PROPANE	4.69	2.83		1.67	1.63		
PROPADIENE							
PROPYNE							
CHLOROMETHANE							
CYCLOPROPANE							
2-METHYLPROPANE	1.17	3.93	0.99	1.68	1.33	1.15	
CHLOROETHENE							
1-BUTENE							
1,3-BUTADIENE							
BUTANE	8.17	34.00	1.90	3.74	1.75	1.11	
1-BUTYNE							
CHLOROETHANE							
3-METHYL-1-BUTENE							
2-METHYLBUTANE	8.12	19.54	1.00	3.08	1.72		
1-PENTENE							
PENTANE	5.04	9.99		1.51	1.11		
2-METHYL-1,3-BUTADIENE				2.53	2.38	2.33	
TRANS-2-PENTENE **	1.22	1.67					
CIS-2-PENTENE **	1.96	3.01					
DICHLOROMETHANE							
2-METHYL-2-BUTENE	1.52	2.82					
3-CHLOROPROPENE							
2,2-DIMETHYLBUTANE							
4-METHYL-1-PENTENE							
3-METHYL-1-PENTENE							
CYCLOPENTANE							
2,3-DIMETHYLBUTANE	2.52	1.13					
2-METHYLPENTANE	1.30	3.43					
3-METHYLPENTANE		1.65					
1-HEXENE							
CIS-1,2-DICHLOROETHENE							
2-CHLOROBUTANE							
HEXANE	2.34	2.33					
TRICHLOROMETHANE							
TRANS-3-HEXENE							
3-CHLORO-2-METHYLPROPENE	7.48	15.03					
METHYLCYCLOPENTANE		1.38					
1,2-DICHLOROETHANE							
1,1,1-TRICHLOROETHANE							
1-CHLOROBUTANE							
BENZENE	4.34	3.49	2.73	2.10	2.29	2.32	
TETRACHLOROMETHANE							
CYCLOHEXANE							
2,3-DIMETHYLPENTANE							
2-METHYLHEXANE	1.92	1.87					
CYCLOHEXENE							
3-METHYLHEXANE		0.77					
1,2-DICHLOROPROPANE							
2,3-DICHLOROPROPENE							
TRICHLOROETHENE							
2,2,4-TRIMETHYLPENTANE		1.69					



1-HEPTENE						
HEPTANE	1.01	0.99				
1-CHLORO-3-METHYLBUTANE						
TRANS-2-HEPTENE						
METHYLCYCLOHEXANE						
4-METHYLCYCLOHEXENE						
2,5-DIMETHYLHEXANE						
1-CHLOROPENTANE						
1,1,2-TRICHLOROETHANE						
TOLUENE	4.06	2.61	0.89	0.64	0.74	0.53
1,3-DICHLOROPROPANE						
2-METHYLHEPTANE						
4-METHYLHEPTANE						
3-METHYLHEPTANE						
1,2-DIBROMOETHANE						
1-OCTENE						
TRANS-1,2-DIMETHYLCYCLOHEXANE						
TRANS-4-OCTENE						
TETRACHLOROETHENE						
2-METHYL-1-HEPTENE						
OCTANE	0.75					
2-OCTENE						
CIS-1,2-DIMETHYLCYCLOHEXANE	1.43					
CHLOROBENZENE						
ETHYLCYCLOHEXANE **						
PROPYLCYCLOPENTANE **						
1-CHLOROHXANE						
ETHYLBENZENE	0.87	1.15				
m/p-XYLENE	2.63	2.39	0.76	0.77	0.66	0.55
4-METHYLOCTANE						
2-METHYLOCTANE						
STYRENE						
1,4-DICHLOROBUTANE						
O-XYLENE	0.87	0.76	0.64			
1,1,2,2-TETRACHLOROETHANE						
1,2,3-TRICHLOROPROPANE						
1-NONENE						
NONANE						
ISOPROPYLBENZENE						
2-CHLOROTOLUENE						
3-CHLOROTOLUENE						
PROPYLBENZENE						
4-CHLOROTOLUENE						
3-ETHYLTOLUENE	0.85					
4-ETHYLTOLUENE						
1,3,5-TRIMETHYLBENZENE	1.80	1.30	1.22			
2-ETHYLTOLUENE						
tert-BUTYLBENZENE **	1.29	0.86				
1,2,4-TRIMETHYLBENZENE **						
1,3-DICHLOROBENZENE						
1-DECENE						
(CHLOROMETHYL) BENZENE						
1,5-DICHLOROPENTANE						
DECANE	1.25	0.80	0.97			
sec-BUTYLBENZENE						
3-(CHLOROMETHYL)HEPTANE						
1,2,3-TRIMETHYLBENZENE						
ISOPROPYL 4-METHYLBENZENE	27.06	22.50	20.71	13.87	7.94	8.31
1,2-DICHLOROBENZENE						
INDAN	1.55	1.00				
BUTYLCYCLOHEXANE						
1,3-DIETHYLBENZENE						
1,4-DIETHYLBENZENE **						
BUTYLBENZENE **						
1,2-DIETHYLBENZENE						
UNDECANE	0.96	1.53	1.28	1.03	0.97	0.80

DECAHYDRONAPHTHALENE  
 1235-TETRAMETHYLBENZENE  
 1234-TETRAMETHYLBENZENE  
 1234-TETRAHYDRONAPHTHALENE  
 1,4-DIISOPROPYLBENZENE  
 DODECANE

3.21

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Total # of compounds identified	29.00	28.00	11.00	11.00	11.00	8.00
Total # of peaks	58.00	41.00	22.00	21.00	17.00	14.00
Total area of peaks	4048.41	4211.09	1404.60	1268.92	873.45	726.64
Area of identified peaks	2043.87	3535.19	899.45	695.51	521.59	418.94
Area % identified peaks	50.50	83.59	64.04	54.81	59.72	57.65

Total hydrocarbons ug/m3:	101.38	146.45	33.09	32.62	22.52	17.10
Alkanes ug/m3	37.76	83.65	6.14	11.04	6.88	3.06
Cycloalkanes ug/m3	1.43	1.38	0.00	0.00	0.00	0.00
Alkenes ug/m3	4.70	7.50	0.00	2.53	2.38	2.33
Cycloalkenes ug/m3	0.00	0.00	0.00	0.00	0.00	0.00
Alkynes ug/m3	0.00	0.00	0.00	0.00	0.00	0.00
Aromatics ug/m3	45.32	36.06	26.95	17.38	11.63	11.71
Chlorinated alkanes ug/m3	0.00	0.00	0.00	0.00	0.00	0.00
Chlorinated alkenes ug/m3	7.48	15.03	0.00	0.00	0.00	0.00
Chlorinated aromatics ug/m3	0.00	0.00	0.00	0.00	0.00	0.00

Toluene:Ethylbenzene	4.67	2.27
Benzene:Ethylbenzene	4.99	3.03
Xylenes:Ethylbenzene	4.02	2.74
Ethylbenzene:Ethylbenzene	1.00	1.00

\*\*--AMBIGUOUS IDENTIFICATION ON BOTH COLUMNS

DRYDEN\_85 : A161

Start: 85/07/16 10:17 Scan: 60 sec  
 Average: 30.00 min Report: 10.00 min  
 Loc: On Johnston Road in front of Smith's residence..downwind of lagoon

Time	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
10:17-10:47	.1 1019.9	.002 7.	1.60 159.	.24	1.36	nd	nd	nd	.069	23.2
10:27-10:57	nd 1019.8	.002 7.	1.59 185.	.24	1.36	nd	nd	nd	.071	24.7
10:37-11:07	nd 1019.7	.003 11.	1.56 196.	.22	1.34	nd	nd	nd	.074	25.1
10:47-11:17	nd 1019.6	.003 14.	1.54 203.	.21	1.33	nd	nd	nd	.074	25.3
10:57-11:27	nd 1019.4	.003 15.	1.54 207.	.21	1.33	nd	nd	nd	.074	25.3
11:07-11:37	nd 1019.2	.003 16.	1.53 221.	.21	1.32	nd	nd	nd	.073	25.1
11:17-11:47	nd 1019.1	.003 17.	1.51 233.	.21	1.31	nd	nd	nd	.075	24.8
11:27-11:57	nd 1018.9	.003 18.	1.49 242.	.19	1.31	nd	nd	nd	.073	24.4
11:37-12:07	nd 1018.7	.003 16.	1.49 240.	.19	1.30	nd	nd	nd	.076	24.4

Statistics	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
Units	ppm mbar-msl	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	ppm	W/cm^2	d C
Arith. Mean	.09 1019.2	.0028 -	1.537 -	.212	1.327	.005	.005	.005	.0735	24.6
Std. Dev.	.26 .6	.0010 -	.058 -	.034	.030	.002	.002	.000	.0045	1.2
Geo. Mean	.05 -	.0025 -	1.536 -	.212	1.327	.005	.005	.005	-	-
Geo.Std.Dev	1.67 -	1.5699 -	1.038 -	1.166	1.023	1.000	1.000	1.000	-	-
Fin Reading	.25 1018.1	.0010 .9	1.434 132.0	.145	1.280	.005	.005	.005	.0567	21.0
Max Reading	2.61 1019.9	.0052 32.2	1.747 271.2	.307	1.458	.005	.005	.005	.0805	26.1
Min Average	.05 1018.7	.0024 7.4	1.488 159.1	.187	1.303	.005	.005	.005	.0689	23.2
Max Average	.14 1019.9	.0033 17.5	1.605 242.1	.245	1.363	.005	.005	.005	.0759	25.3
# Valid Rds	119. 119.	119. 119.	119. 119.	119.	119.	119.	119.	119.	119.	119.

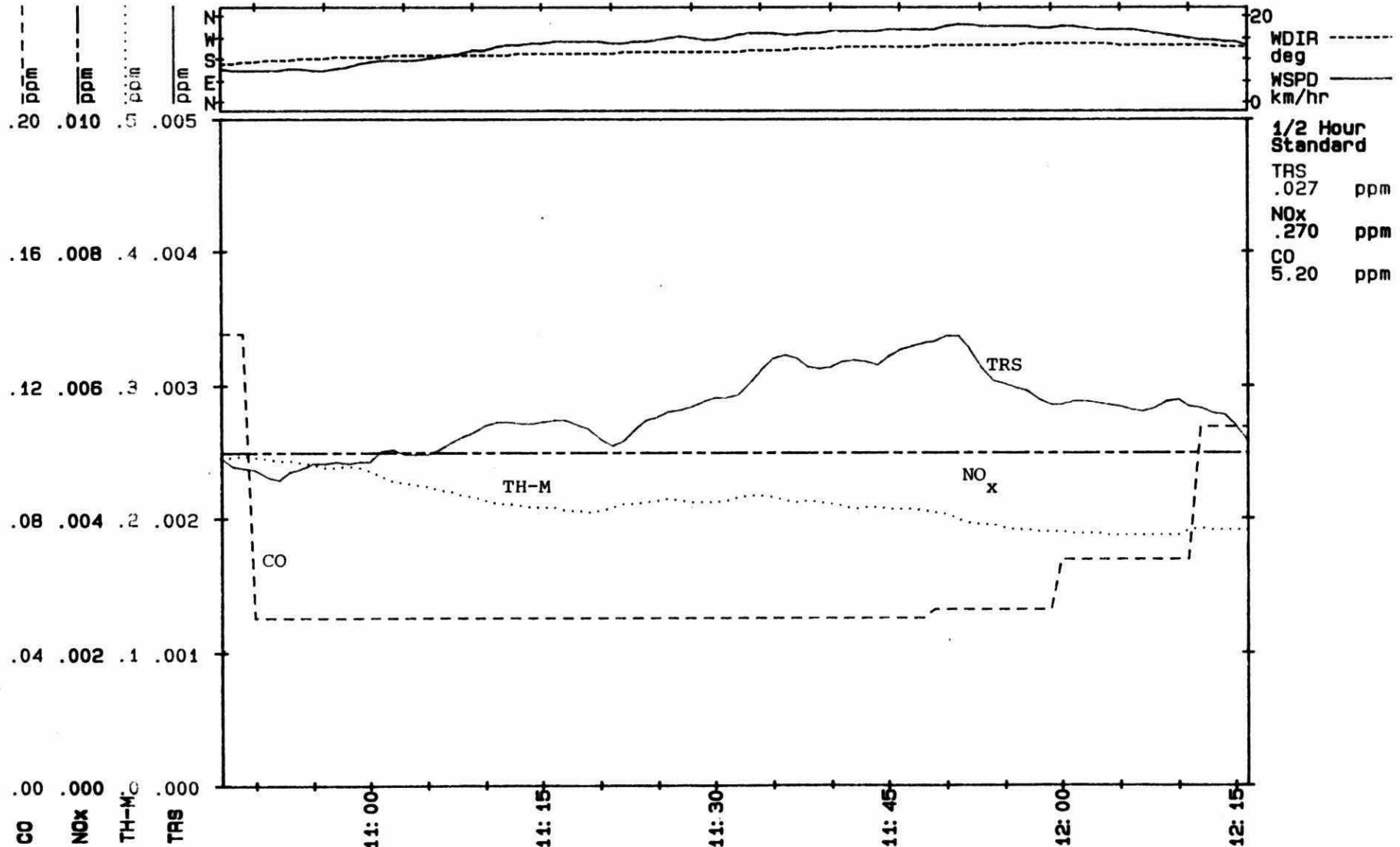
- Invalid Data / Not Calculated
- nd Average is less than Min. Detectable Level
- m One or more readings Missing

Percent Valid Data Required for Valid Average: 90.0 %  
Averaging Started at Nearest: .0 min

# DRYDEN\_85: A161

Start: 85/07/16 10:17 Scan: 60 sec. Ave: 30.00 min.  
 Loc: On Johnston Road in front of Smith's residence..downwind of lagoon

	.070	.071	.073	.074	.074	.074	.074	.073	.073	.075	.074	.074	.076	.076	SRAD	W/cm^2
24	25	25	25	25	25	25	25	25	25	25	24	24	25	25	TEMP	d C
55	52	51	50	49	49	48	48	49	49	50	50	50	50	50	HUM	%-rel
1020	1020	1020	1020	1020	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	BAR	mbar-msl



DRYDEN\_05 : A162

Start: 05/07/16 12:35 Scan: 60 sec  
 Average: 30.00 min Report: 10.00 min  
 Loc: Ambient air at pump house in main lagoon..through funnel

Time	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
12:35-13:05	.4 1019.2	.015 15.	3.03 246.	1.66	1.37	nd	nd	nd	.081	26.8
12:45-13:15	.3 1019.0	.015 16.	2.91 235.	1.54	1.37	nd	nd	nd	.081	26.8
12:55-13:25	.3 1018.9	.015 17.	2.76 235.	1.40	1.36	nd	nd	nd	.081	26.7
13:05-13:35	.2 1018.7	.015 15.	2.66 225.	1.31	1.35	nd	nd	nd	.081	26.9
13:15-13:45	.3 1018.4	.015 16.	2.61 237.	1.27	1.33	nd	nd	nd	.081	27.1
13:25-13:55	.2 1018.2	.015 14.	2.63 227.	1.29	1.34	nd	nd	nd	.080	27.5
13:35-14:05	.2 1018.0	.015 12.	2.66 225.	1.32	1.34	nd	nd	nd	.080	27.8
13:45-14:15	.2 1017.7	.015 13.	2.66 218.	1.33	1.33	nd	nd	nd	.080	27.9
13:55-14:25	.2 1017.5	.017 16.	2.64 215.	1.32	1.32	nd	nd	nd	.078	27.8

Statistics	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
Units	ppm mbar-ssl	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	ppm	W/cm^2	d C
Arith. Mean	.26 1018.3	.0155 -	2.747 -	1.402	1.344	.005	.005	.005	.0000	27.2
Std. Dev.	.38 .7	.0032 -	.213 -	.182	.045	.002	.000	.001	.0021	.6
Geo. Mean	.14 -	.0152 -	2.739 -	1.391	1.344	.005	.005	.005	-	-
Geo.Std.Dev	2.86 -	1.2236 -	1.079 -	1.132	1.034	1.237	1.000	1.170	-	-
Min Reading	.05 1017.0	.0099 .0	2.421 167.5	1.166	1.245	.005	.005	.005	.0617	26.2
Max Reading	2.04 1019.4	.0263 34.6	3.351 354.0	1.940	1.496	.016	.005	.013	.0015	28.7
Min Average	.22 1017.5	.0145 12.1	2.605 215.1	1.271	1.318	.005	.005	.005	.0784	26.7
Max Average	.36 1019.2	.0170 16.8	3.031 246.2	1.659	1.371	.006	.005	.006	.0010	27.9
# Valid Rds	112. 112.	112. 112.	112. 112.	112.	112.	112.	112.	112.	112.	112.

- Invalid Data / Not Calculated

nd Average is less than Min. Detectable Level

m One or more readings Missing

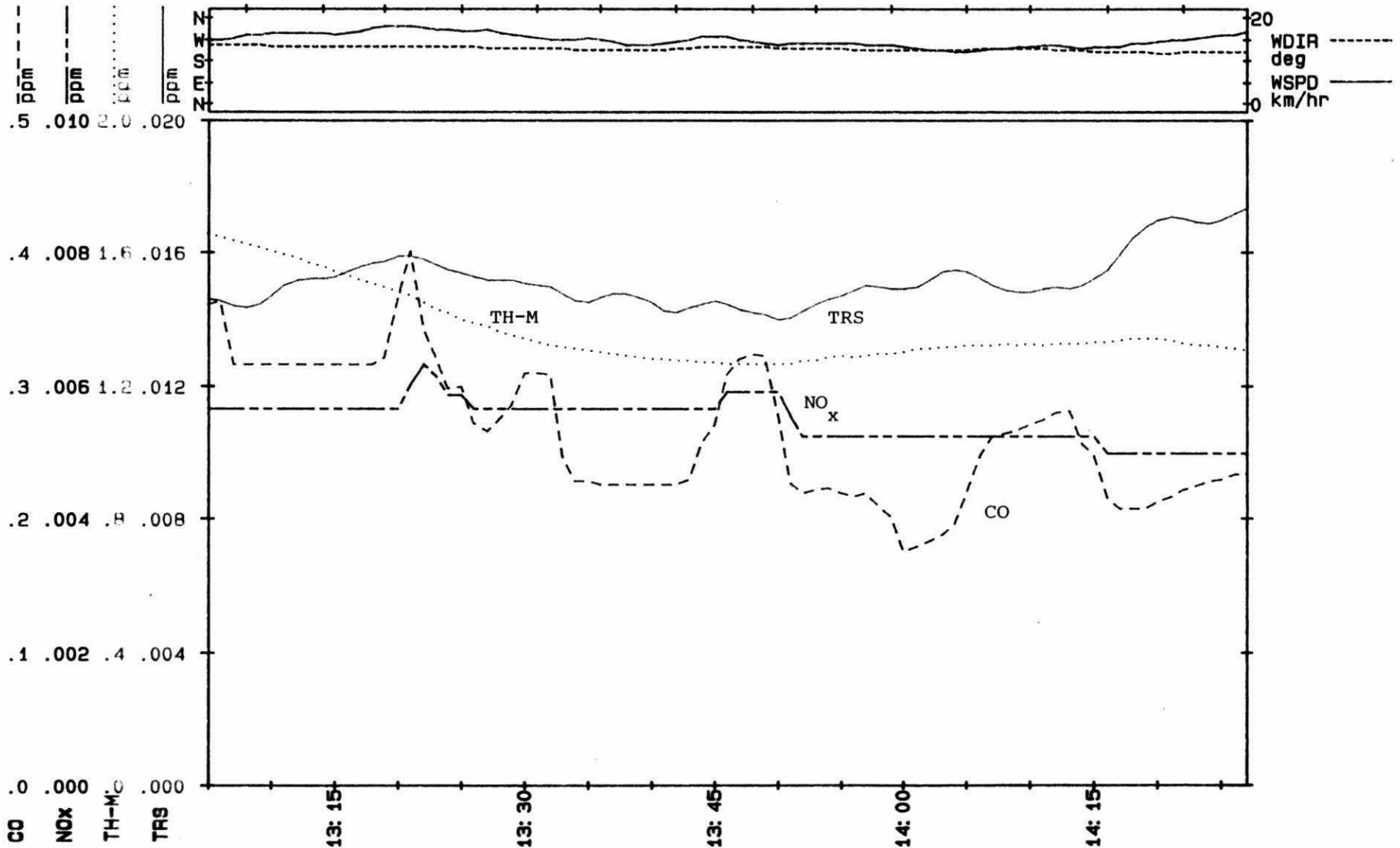
Percent Valid Data Required for Valid Average: 90.0 %

Averaging Started at Nearest: .0 min

# DRYDEN\_85: A162

Start: 85/07/16 12:35 Scan: 60 sec. Ave: 30.00 min.  
 Loc: Ambient air at pump house in main lagoon..through funnel

														SRAD	W/cm^2
														TEMP	d C
														HUM	%-rel
														BAR	mbar-msl
.081	.081	.081	.081	.081	.081	.081	.081	.080	.080	.080	.080	.080	.079		
27	27	27	27	27	27	27	27	27	28	28	28	28	28		
46	47	47	47	47	46	46	45	45	45	44	44	44	44		
1019	1019	1019	1019	1019	1019	1018	1018	1018	1018	1018	1018	1018	1018		





DRYDEN\_85 : A163

Start: 85/07/16 17:30 Scan: 300 sec  
 Average: 30.00 min Report: 15.00 min  
 Loc: Overnight monitoring at the MNR building

Time	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
17:30-18:00	.5 1017.0	nd 20.	1.54 189.	.37	1.18	nd	nd	nd	.039	27.7
17:45-18:15	.5 1016.5	nd 20.	1.55 186.	.37	1.18	nd	nd	nd	.037	27.7
18:00-18:30	.4 1016.0	nd 17.	1.55 182.	.37	1.18	nd	nd	nd	.024	26.9
18:15-18:45	.4 1016.0	nd 14.	1.55 179.	.37	1.18	nd	nd	nd	.017	26.0
18:30-19:00	.4 1016.0	nd 11.	1.55 185.	.36	1.19	nd	nd	nd	.015	25.5
18:45-19:15	.4 1016.0	nd 8.	1.56 189.	.37	1.19	nd	.01	nd	.012	25.1
19:00-19:30	.4 1016.0	nd 6.	1.56 186.	.37	1.20	nd	.01	nd	.010	24.8
19:15-19:45	.4 1016.0	nd 5.	1.56 182.	.36	1.20	nd	nd	nd	.008	24.6
19:30-20:00	.4 1016.0	nd 4.	1.58 183.	.37	1.21	nd	.01	nd	.006	24.2
19:45-20:15	.4 1016.1	nd 3.	1.66 183.	.44	1.22	.01	.01	nd	.004	23.7
20:00-20:30	.4 1016.5	nd 3.	1.75 177.	.52	1.23	.01	.01	nd	.002	23.3
20:15-20:45	.5 1016.9	nd 1.	1.84 177.	.57	1.28	.02	.02	nd	.001	22.8
20:30-21:00	.6 1016.9	nd 1.	1.89 146.	.55	1.34	.03	.02	nd	.000	22.2
20:45-21:15	.5 1016.7	nd 4.	1.83 146.	.49	1.34	.03	.02	nd	.000	21.6
21:00-21:30	.4 1016.7	nd 6.	1.74 148.	.42	1.32	.02	.02	nd	.000	21.3
21:15-21:45	.3 1016.9	nd 8.	1.66 148.	.35	1.31	nd	.01	nd	.000	21.1

Time	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
21:30-22:00	.3 1016.9	nd 8.	1.64 147.	.34	1.30	nd	.01	nd	.000	20.9
21:45-22:15	.2 1016.9	nd 8.	1.62 147.	.32	1.30	.01	.01	nd	.000	20.7
22:00-22:30	.2 1017.0	nd 9.	1.60 150.	.30	1.30	nd	nd	nd	.000	20.6
22:15-22:45	.2 1017.0	nd 8.	1.60 151.	.30	1.30	nd	nd	nd	.000	20.7
22:30-23:00	.2 1017.0	nd 9.	1.60 148.	.30	1.30	nd	nd	nd	.000	20.7
22:45-23:15	.2 1017.0	nd 10.	1.58 147.	.28	1.30	.02	.01	nd	.000	20.6
23:00-23:30	.2 1017.0	nd 9.	1.59 148.	.28	1.31	.02	.01	nd	.000	20.6
23:15-23:45	.2 1017.0	nd 8.	1.60 148.	.28	1.32	nd	nd	nd	.000	20.5
23:30-00:00	.2 1017.0	nd 7.	1.60 148.	.28	1.32	nd	.01	nd	.000	20.5
23:45-00:15	.2 1017.0	nd 7.	1.59 145.	.28	1.32	.01	.02	nd	.000	20.4
00/07/17 00:00-00:30	.2 1017.1	nd 7.	1.58 144.	.28	1.31	.02	.02	nd	.000	20.3
00:15-00:45	.4 1017.4	nd 5.	1.59 148.	.27	1.32	.02	.02	nd	.000	20.3
00:30-01:00	.4 1017.0	nd 3.	1.61 154.	.28	1.34	.02	.02	nd	.000	20.4
00:45-01:15	.1 1018.0	nd 1.	1.58 176.	.27	1.31	nd	nd	nd	.000	20.5
01:00-01:30	.1 1018.0	nd 2.	1.54 190.	.26	1.28	nd	nd	nd	.000	20.5
01:15-01:45	.1 1018.0	nd 2.	1.55 198.	.27	1.28	nd	nd	nd	.000	20.4
01:30-02:00	.1 1018.0	nd 1.	1.55 203.	.27	1.29	nd	.01	nd	.000	20.3

Time	CO Barom	TRS Wind-Sod	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
01:45-02:15	.1 1018.0	nd 1.	1.57 193.	.27	1.30	nd	nd	nd	.000	20.1
02:00-02:30	.1 1018.0	nd 1.	1.59 186.	.28	1.31	nd	nd	nd	.000	19.9
02:15-02:45	.1 1018.1	nd 1.	1.57 193.	.28	1.30	nd	nd	nd	.000	19.8
02:30-03:00	.1 1018.3	nd 1.	1.57 189.	.27	1.30	nd	nd	nd	.000	19.6
02:45-03:15	.1 1018.7	nd 2.	1.56 185.	.26	1.30	nd	nd	nd	.000	19.4
03:00-03:30	.1 1018.9	nd 2.	1.57 186.	.26	1.31	nd	nd	nd	.000	19.2
03:15-03:45	.1 1019.0	nd 0.	1.59 188.	.27	1.32	.01	.02	nd	.000	19.1
03:30-04:00	.1 1019.0	nd 0.	1.61 0.	.28	1.33	.01	.02	nd	.000	18.9
03:45-04:15	.1 1019.0	nd 0.	1.60 305.	.27	1.33	nd	.01	nd	.000	18.0
04:00-04:30	.2 1019.0	nd 0.	1.64 248.	.30	1.34	nd	.01	nd	.000	16.8
04:15-04:45	.2 1019.0	nd 0.	1.68 260.	.33	1.36	nd	.01	nd	.000	16.2
04:30-05:00	.2 1019.0	nd 0.	1.68 267.	.31	1.38	.01	.02	nd	.000	15.9
04:45-05:15	.1 1019.0	nd 0.	1.68 271.	.29	1.39	.02	.02	nd	.000	16.1
05:00-05:30	.2 1019.0	nd 0.	1.67 286.	.29	1.37	.02	.02	nd	.000	16.6
05:15-05:45	.2 1019.0	nd 0.	1.69 295.	.32	1.38	.04	.02	.01	.000	17.0
05:30-06:00	.3 1019.0	nd 0.	1.77 306.	.35	1.42	.04	.02	.02	.000	17.3
05:45-06:15	.3 1019.4	nd 0.	1.81 148.	.36	1.46	.05	.03	.02	.000	17.7

Time	CD Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
05:00-06:30	.3 1019.8	nd 0.	1.74 150.	.33	1.42	.03	.02	.01	.001	18.1
06:15-06:45	.4 1019.9	nd 1.	1.75 126.	.37	1.37	.02	.02	nd	.003	18.4
06:30-07:00	.4 1019.9	nd 2.	1.80 135.	.44	1.36	.02	.02	nd	.004	18.9
06:45-07:15	.3 1020.0	nd 2.	1.73 141.	.36	1.37	.02	.02	nd	.005	19.2
07:00-07:30	.3 1020.0	nd 3.	1.69 142.	.32	1.37	.02	.02	nd	.006	19.4
07:15-07:45	.3 1020.0	nd 3.	1.71 144.	.35	1.36	.01	.02	nd	.008	19.5
07:30-08:00	.3 1020.0	nd 4.	1.72 151.	.35	1.36	nd	.01	nd	.013	19.9
07:45-08:15	.3 1020.0	nd 5.	1.69 152.	.33	1.36	.01	.01	nd	.022	20.5
08:00-08:30	.2 1020.0	nd 6.	1.67 145.	.33	1.34	nd	.01	nd	.031	21.4

Statistics	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
Units	ppm mbar-msl	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	ppm	W/cm^2	d C
Arith. Mean	.27 1017.9	.0010 -	1.639 -	.334	1.307	.014	.013	.006	.0050	20.8
Std. Dev.	.16 1.3	.0000 -	.098 -	.080	.068	.012	.007	.004	.0102	2.8
Geo. Mean	.24 -	.0010 -	1.636 -	.326	1.305	.010	.011	.005	-	-
Geo.Std.Dev	1.68 -	1.0000 -	1.059 -	1.236	1.054	2.120	1.001	1.402	-	-
Min Reading	.05 1016.0	.0010 .0	1.518 .1	.239	1.172	.005	.005	.005	.0000	15.8
Max Reading	1.44 1020.0	.0010 23.1	1.993 355.3	.644	1.535	.072	.037	.034	.0453	28.0
Min Average	.13 1016.0	.0010 .0	1.539 .3	.259	1.176	.005	.005	.005	.0000	15.9
Max Average	.61 1020.0	.0010 19.6	1.886 306.0	.569	1.461	.048	.028	.019	.0389	27.7
# Valid Rds	100. 100.	100. 100.	100. 100.	100.	100.	100.	100.	100.	100.	100.

- Invalid Data / Not Calculated

nd Average is less than Min. Detectable Level

m One or more readings Missing

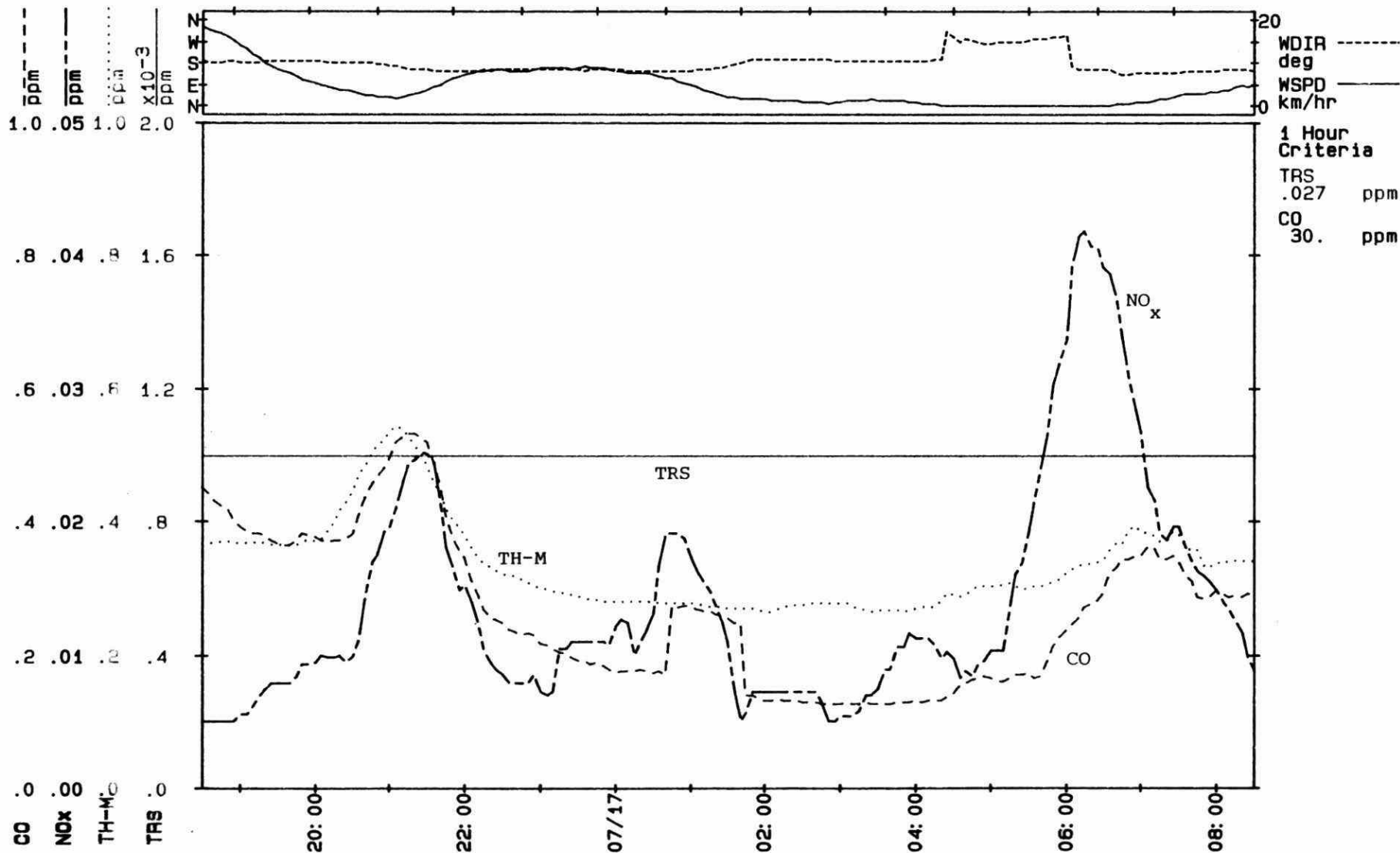
Percent Valid Data Required for Valid Average: 90.0 %  
Averaging Started at Nearest: .0 min

# DRYDEN\_85: A163

Start: 85/07/16 17:30 Scan: 300 sec. Ave: 60.00 min.  
 Loc: Overnight monitoring at the MNR building

.022	.009	.002	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.005
26	25	23	21	21	21	20	20	20	19	18	16	18	19
48	53	58	67	69	70	70	69	71	77	85	92	87	81
1016	1016	1017	1017	1017	1017	1017	1018	1018	1019	1019	1019	1019	1020

SRAD	W/cm^2
TEMP	d C
HUM	%-rel
BAR	mbar-msl



DRYDEN SURVEY-85

MONITORING PERIOD	A161	A161	A162	MANU01 JULY 16/85
TIME	1016-1046	1117-1147	1233-1303	
PROPANE			3.18	
PROPADIENE				
PROPYNE				
CHLOROMETHANE				
CYCLOPROPANE				
2-METHYLPROPANE	0.78		4.79	
CHLOROETHENE				
1-BUTENE				
1,3-BUTADIENE				
BUTANE	7.58	2.26	33.44	
1-BUTYNE				
CHLOROETHANE				
3-METHYL-1-BUTENE				
2-METHYLBUTANE	5.68	1.85	25.74	
1-PENTENE				
PENTANE	3.18	1.08	14.18	
2-METHYL-1,3-BUTADIENE	4.18	2.52		
TRANS-2-PENTENE **	1.00		2.40	
CIS-2-PENTENE **	2.67		4.44	
DICHLOROMETHANE				
2-METHYL-2-BUTENE	1.17		5.67	
3-CHLOROPROPENE				
2,2-DIMETHYLBUTANE				
4-METHYL-1-PENTENE				
3-METHYL-1-PENTENE				
CYCLOPENTANE			1.05	
2,3-DIMETHYLBUTANE			1.32	
2-METHYLPENTANE	1.33		5.62	
3-METHYLPENTANE	0.64		3.29	
1-HEXENE				
CIS-1,2-DICHLOROETHENE				
2-CHLOROBUTANE				
HEXANE	0.90		4.99	
TRICHLOROMETHANE			13.64	
TRANS-3-HEXENE				
3-CHLORO-2-METHYLPROPENE			8.05	
METHYLCYCLOPENTANE			2.80	
1,2-DICHLOROETHANE				
1,1,1-TRICHLOROETHANE				
1-CHLOROBUTANE				
BENZENE	2.08	2.02	3.51	
TETRACHLOROMETHANE				
CYCLOHEXANE	0.60		0.77	
2,3-DIMETHYLPENTANE	0.75			
2-METHYLHEXANE			4.37	
CYCLOHEXENE				
3-METHYLHEXANE			1.95	
1,2-DICHLOROPROPANE				
2,3-DICHLOROPROPENE				
TRICHLOROETHENE				
2,2,4-TRIMETHYLPENTANE			3.32	

1-HEPTENE			
HEPTANE			2.18
1-CHLORO-3-METHYLBUTANE			
TRANS-2-HEPTENE			
METHYLCYCLOHEXANE			1.32
4-METHYLCYCLOHEXENE			
2,5-DIMETHYLHEXANE			
1-CHLOROPENTANE			
1,1,2-TRICHLOROETHANE			
TOLUENE	0.71	0.64	5.24
1,3-DICHLOROPROPANE			
2-METHYLHEPTANE			
4-METHYLHEPTANE	0.81		0.87
3-METHYLHEPTANE			
1,2-DIBROMOETHANE			
1-OCTENE			
TRANS12DIMETHYLCYCLOHEXAN			
TRANS-4-OCTENE			
TETRACHLOROETHENE			
2-METHYL-1-HEPTENE			1.33
OCTANE			
2-OCTENE			
CIS12DIMETHYLCYCLOHEXAN			
CHLOROBENZENE			
ETHYLCYCLOHEXANE **			
PROPYLCYCLOPENTANE **			
1-CHLOROHXANE			
ETHYLBENZENE			1.33
m/p-XYLENE	0.89	0.74	4.40
4-METHYLOCTANE			
2-METHYLOCTANE			
STYRENE			
1,4-DICHLOROBUTANE			
O-XYLENE			1.59
1,1,2,2-TETRACHLOROETHANE			
1,2,3-TRICHLOROPROPANE			
1-NONENE			
NONANE			1.04
ISOPROPYLBENZENE			
2-CHLOROTOLUENE			
3-CHLOROTOLUENE			
PROPYLBENZENE			0.71
4-CHLOROTOLUENE			1.05
3-ETHYLTOLUENE			1.30
4-ETHYLTOLUENE			
1,3,5-TRIMETHYLBENZENE			1.66
2-ETHYLTOLUENE			
tert-BUTYLBENZENE **			4.10
1,2,4-TRIMETHYLBENZENE **			7.52
1,3-DICHLOROBENZENE			
1-DECENE			
(CHLOROMETHYL) BENZENE			
1,5-DICHLOROPENTANE			
DECANE			4.27
sec-BUTYLBENZENE			
3-(CHLOROMETHYL) HEPTANE			
1,2,3-TRIMETHYLBENZENE			3.00
1ISOPROPYL4METHYLBENZENE	3.89	6.16	7.03
1,2-DICHLOROBENZENE			
INDAN			
BUTYLCYCLOHEXANE			
1,3-DIETHYLBENZENE			
1,4-DIETHYLBENZENE **			6.22
BUTYLBENZENE **			
1,2-DIETHYLBENZENE			
UNDECANE	1.00	1.14	7.85



DECAHYDRONAPHTHALENE	
1235-TETRAMETHYLBENZENE	10.02
1234-TETRAMETHYLBENZENE	
1234-TETRAHYDRONAPHTHALENE	
1,4-DIISOPROPYLBENZENE	
DODECANE	25.49

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Total # of compounds identified	19.00	9.00	43.00
Total # of peaks	22.00	18.00	137.00
Total area of peaks	1211.18	828.98	22097.05
Area of identified peaks	832.28	495.84	6118.62
Area % identified peaks	68.72	59.81	27.69

Total hydrocarbons ug/m3:	39.84	18.41	248.04
Alkanes ug/m3	22.65	6.33	144.71
Cycloalkanes ug/m3	0.60	0.00	5.94
Alkenes ug/m3	9.02	2.52	13.84
Cycloalkenes ug/m3	0.00	0.00	0.00
Alkynes ug/m3	0.00	0.00	0.00
Aromatics ug/m3	7.57	9.56	57.63
Chlorinated alkanes ug/m3	0.00	0.00	14.35
Chlorinated alkenes ug/m3	0.00	0.00	8.05
Chlorinated aromatics ug/m3	0.00	0.00	1.05

Toluene:Ethylbenzene	3.94
Benzene:Ethylbenzene	2.64
Xylenes:Ethylbenzene	4.50
Ethylbenzene:Ethylbenzene	1.00

\*\*--AMBIGUOUS IDENTIFICATION ON BOTH COLUMNS

DRYDEN\_85 : A171

Start: 85/07/17 10:35 Scan: 60 sec  
 Average: 30.00 min Report: 10.00 min  
 Loc: Spill barrier in lagoon to the northwest of the main inlet

Time	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
10:35-11:05	nd 1014.7	.008 7.	4.10 152.	2.71	1.39	nd	nd	.02	.063	26.9
10:45-11:15	nd 1014.6	.007 5.	3.26 143.	1.89	1.35	.02	nd	.02	.067	27.8
10:55-11:25	nd 1014.5	.007 6.	2.69 127.	1.37	1.32	.02	nd	.02	.070	28.2

Statistics	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
Units	ppm mbar-asl	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	ppm	W/cm^2	d C
Arith. Mean	.07 1014.5	.0076 -	3.023 -	1.678	1.340	.016	.006	.018	.0661	27.6
Std. Dev.	.09 .2	.0038 -	2.905 -	2.931	.093	.017	.004	.008	.0080	1.2
Geo. Mean	.05 -	.0068 -	2.430 -	.836	1.337	.011	.006	.017	-	-
Geo.Std.Dev	1.55 -	1.5757 -	1.768 -	2.849	1.070	2.406	1.455	1.502	-	-
Min Reading	.05 1014.1	.0034 .0	1.507 31.6	.263	1.245	.005	.005	.005	.0462	24.5
Max Reading	.66 1014.8	.0182 14.4	18.220 314.0	16.490	1.622	.081	.028	.052	.0810	29.4
Min Average	.05 1014.5	.0065 5.0	2.693 126.8	1.365	1.319	.009	.005	.016	.0627	26.9
Max Average	.08 1014.7	.0094 6.5	4.104 151.7	2.711	1.385	.025	.007	.022	.0700	28.2
# Valid Rds	55. 55.	55. 55.	55. 55.	55.	55.	55.	55.	55.	55.	55.

- Invalid Data / Not Calculated

nd Average is less than Min. Detectable Level

m One or more readings Missing

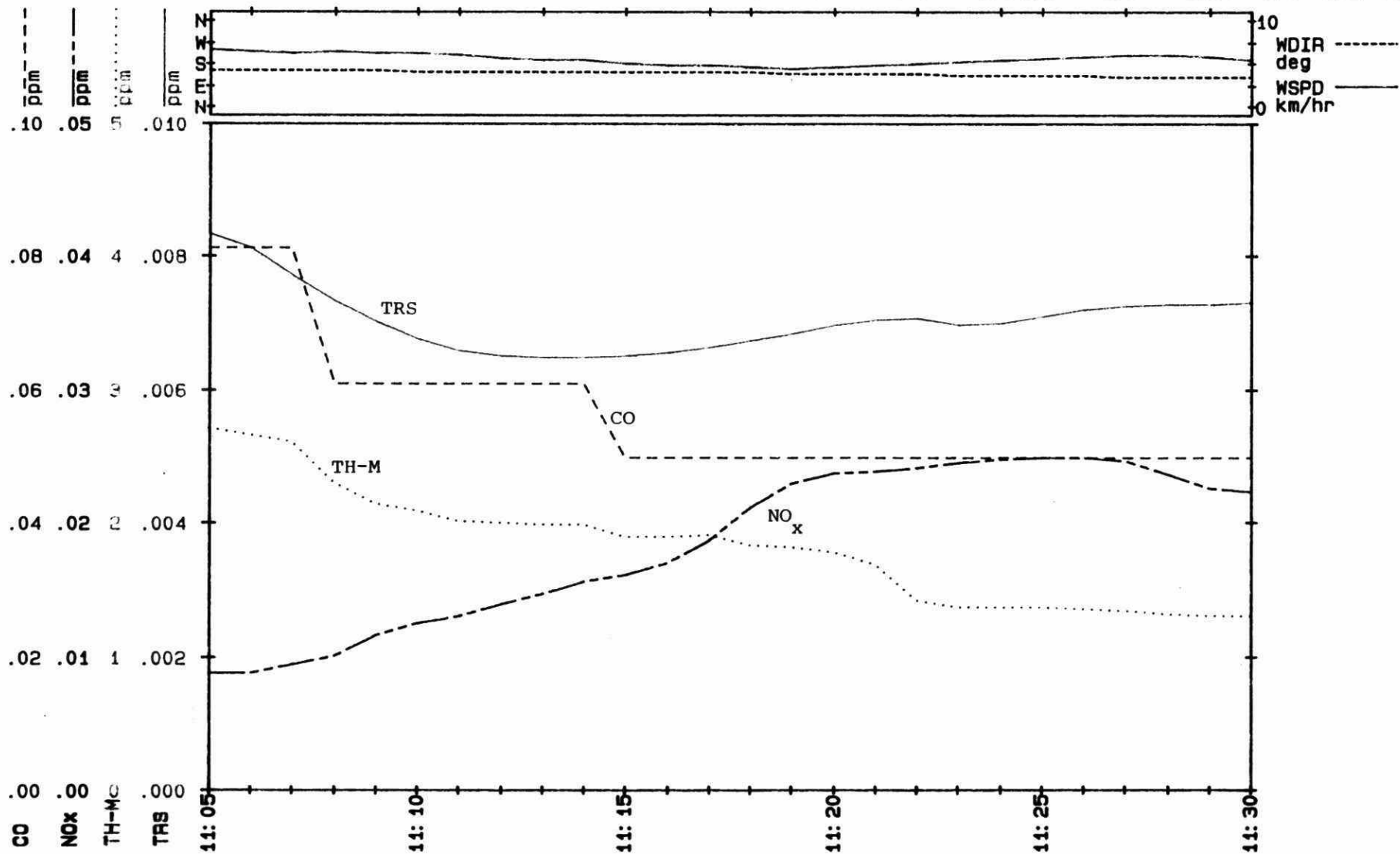
Percent Valid Data Required for Valid Average: 90.0 %

Averaging Started at Nearest: .0 min

# DRYDEN\_85: A171

Start: 85/07/17 10:35 Scan: 60 sec. Ave: 30.00 min.  
 Loc: Spill barrier in lagoon to the northwest of the main inlet

.064		.065		.066		.066		.066		.067		.068		.068		.069		.070		.070		.071		.071		SRAD	W/cm^2
27	51	27	50	27	49	28	49	28	49	28	48	28	48	28	47	28	47	28	47	28	47	28	47	28	47	TEMP	d C
1015	1015	1015	1015	1015	1015	1015	1015	1015	1015	1015	1015	1015	1015	1015	1014	1014	1014	1014	1014	1014	1014	1014	1014	1014	1014	HUM	%-rel
																								BAR	mbar-msl		



DRYDEN\_85 : A172

Start: 85/07/17 11:34 Scan: 60 sec  
 Average: 30.00 min Report: 10.00 min  
 Loc: From surface of lagoon near spill barrier..using funnel & hose

Time	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp	Barom
11:34-12:04	.026 3.	4.39 22.	2.73	1.66	.02	nd	.02	.052	28.2	1014.9
11:44-12:14	.039 1.	7.96 95.	6.02	1.93	.02	nd	.02	.038	27.5	1014.8
11:54-12:24	.056 5.	15.78 176.	13.62	2.13	.01	nd	.02	.039	26.7	1014.7
12:04-12:34	.057 9.	18.31 165.	16.02	2.25	nd	nd	.02	.045	26.4	1014.6
12:14-12:44	.053 10.	20.87 165.	18.70	2.13	nd	nd	.02	.050	26.3	1014.4
12:24-12:54	.054 10.	24.12 172.	21.81	2.25	nd	nd	.02	.052	26.1	1014.1
12:34-13:04	.068 9.	29.22 187.	26.85	2.31	nd	nd	.01	.046	25.3	1014.0

Statistics	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp	Barom
Units	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	ppm	W/cm^2	d C	mbar-msl
Arith. Mean	.0519	17.172	15.032	2.105	.012	.005	.010	.0477	26.6	1014.4
Std. Dev.	.0253	15.216	14.957	.445	.012	.002	.011	.0191	1.5	.5
Geo. Mean	.0445	11.978	9.230	2.060	.009	.005	.015	-	-	-
Geo. Std. Dev	1.8265	2.356	2.781	1.234	2.056	1.225	1.928	-	-	-
Min Reading	.0111 .0	3.517 .2	2.159	1.329	.005	.005	.005	.0250	23.0	1013.3
Max Reading	.1195 10.5	64.286 358.0	61.341	3.410	.070	.017	.051	.1030	29.7	1015.0
Min Average	.0260 .9	4.392 21.5	2.735	1.655	.007	.005	.013	.0382	25.3	1014.0
Max Average	.0682 10.1	29.224 186.0	26.847	2.305	.022	.006	.024	.0521	28.2	1014.9
# Valid Rdgs	95. 95.	95. 95.	95.	95.	95.	95.	95.	95.	95.	95.

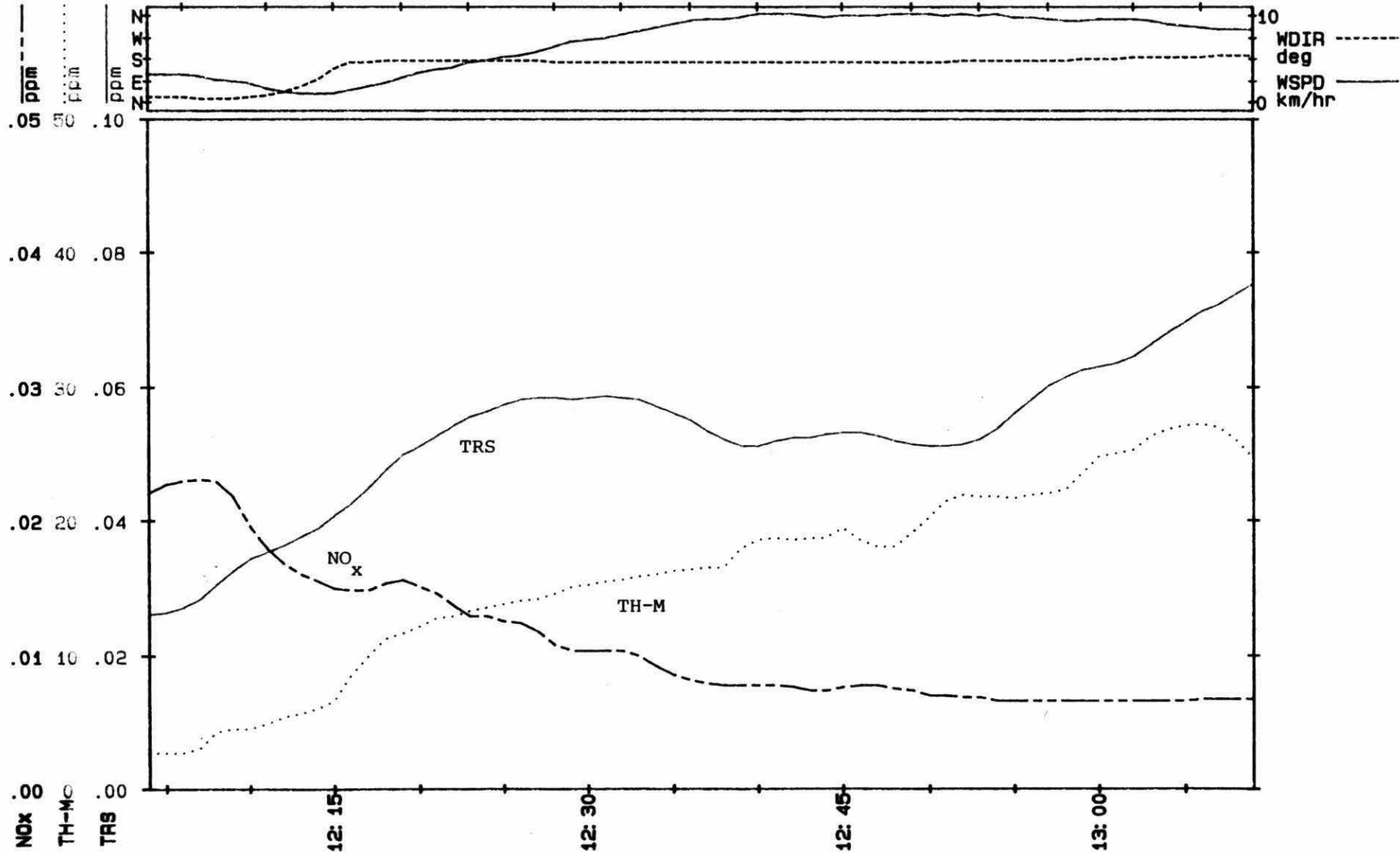
- Invalid Data / Not Calculated  
 nd Average is less than Min. Detectable Level  
 # One or more readings Missing

Percent Valid Data Required for Valid Average: 90.0 %  
 Averaging Started at Nearest: .0 min

# DRYDEN\_85: A172

Start: 85/07/17 11:34 Scan: 60 sec. Ave: 30.00 min.  
 Loc: From surface of lagoon near spill barrier..using funnel & hose

	.049	.042	.038	.039	.039	.040	.043	.046	.047	.051	.055	.053	.051	.047	.047	SRAD	W/cm^2
28	28	28	27	27	27	27	26	26	26	26	26	26	26	26	25	TEMP	d C
47	48	49	50	51	52	52	52	53	53	54	54	55	57	58		HUM	%-rel
1015	1015	1015	1015	1015	1015	1015	1015	1015	1014	1014	1014	1014	1014	1014	1014	BAR	mbar-msl



DRYDEN\_85 : A173

Start: 85/07/17 13:18 Scan: 60 sec  
 Average: 30.00 min Report: 10.00 min  
 Loc: From surface of lagoon near spill barrier..funnel & hose..CxSx

Time	CxSx Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp	Barom
13:18-13:48	.039 4.	17.46 242.	15.04	2.39	nd	nd	.01	.055	27.0	1013.9
13:28-13:58	.036 4.	24.70 203.	22.48	2.16	nd	nd	.02	.058	26.9	1013.7
13:38-14:08	.033 4.	29.90 201.	27.71	2.10	nd	nd	.02	.061	27.2	1013.6
13:48-14:18	.029 4.	23.72 177.	21.59	2.07	nd	nd	.02	.055	27.8	1013.4
13:58-14:28	.028 2.	16.46 203.	14.19	2.23	nd	nd	.02	.041	28.3	1013.2
14:08-14:38	.032 3.	14.58 212.	12.23	2.32	nd	nd	.01	.035	27.5	1013.0
14:18-14:48	.041 5.	12.65 243.	10.11	2.52	nd	nd	.01	.038	27.1	1012.9



Statistics	OxSx Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp	Barom
Units	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	ppm	W/cm^2	d C	mbar-msl
Arith. Mean	.0371	17.803	15.449	2.318	.006	.005	.015	.0494	27.3	1013.3
Std. Dev.	.0100	15.119	15.140	.450	.005	.002	.013	.0161	1.1	.5
Geo. Mean	.0355	13.954	11.109	2.275	.005	.005	.011	-	-	-
Geo.Std.Dev	1.3669	1.901	2.118	1.218	1.435	1.185	2.111	-	-	-
Min Reading	.0132 .0	5.131 44.2	3.457	1.463	.005	.005	.005	.0277	24.9	1012.6
Max Reading	.0570 15.9	69.514 352.7	67.476	3.347	.042	.019	.066	.0826	29.5	1014.0
Min Average	.0278 2.2	12.648 177.0	10.115	2.066	.005	.005	.011	.0354	26.9	1012.9
Max Average	.0410 5.0	29.903 243.3	27.706	2.519	.007	.006	.025	.0613	28.3	1013.9
# Valid Rdgs	97. 97.	97. 97.	97.	97.	97.	97.	97.	97.	97.	97.

- Invalid Data / Not Calculated

nd Average is less than Min. Detectable Level

m One or more readings Missing

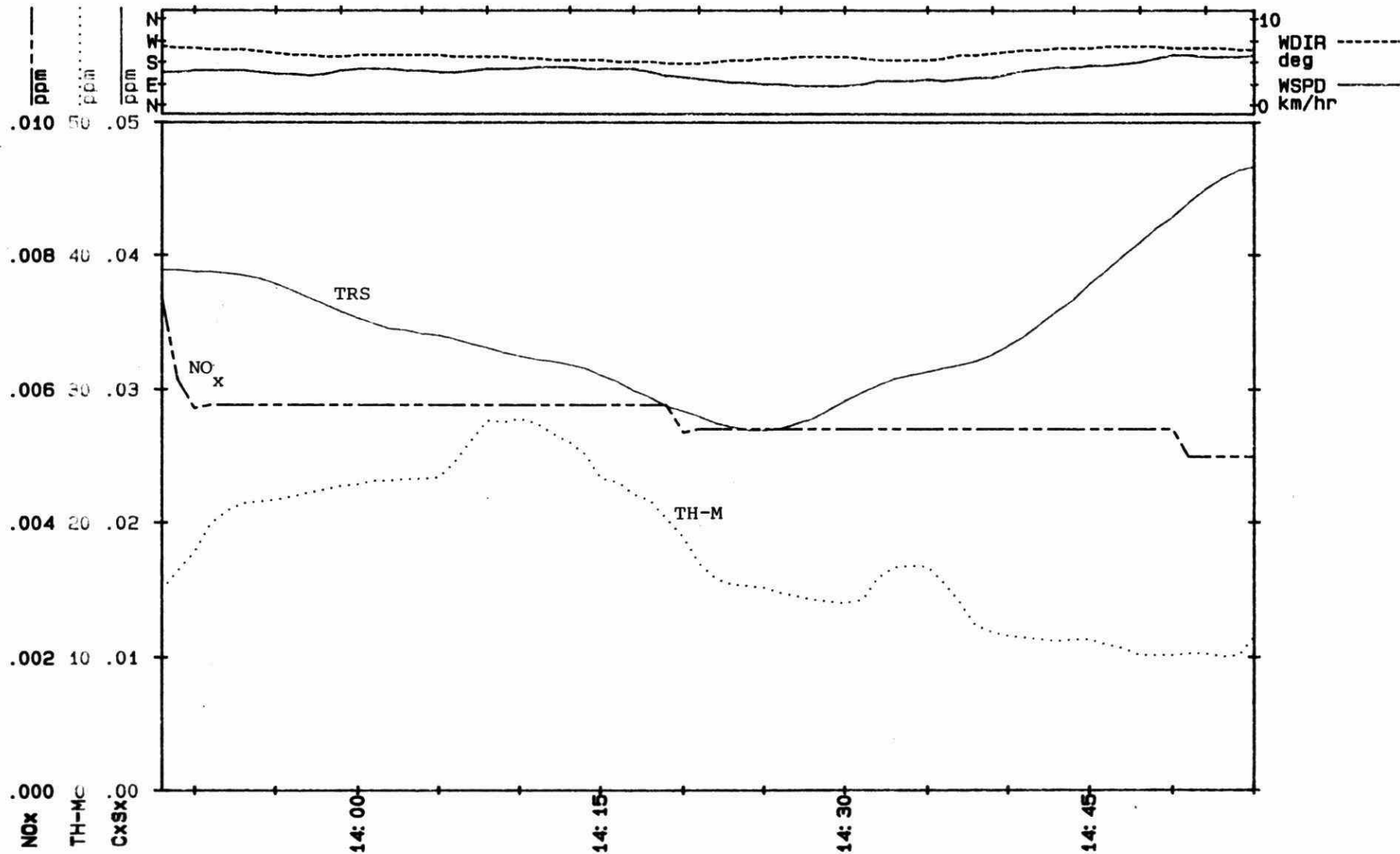
Percent Valid Data Required for Valid Average: 90.0 %

Averaging Started at Nearest: .0 min

# DRYDEN\_85: A173

Start: 85/07/17 13:18 Scan: 60 sec. Ave: 30.00 min.  
 Loc: From surface of lagoon near spill barrier..funnel & hose..CxSx

.056		.059		.058		.061		.061		.060		.057		.051		.044		.039		.034		.036		.038		.038		.039		SRAD	W/cm^2
27	53	27	54	27	54	27	54	27	53	27	53	28	52	28	51	28	50	28	50	28	51	27	52	27	52	27	53	TEMP	d C		
1014	1014	1014	1014	1014	1014	1014	1014	1014	1014	1013	1013	1013	1013	1013	1013	1013	1013	1013	1013	1013	1013	1013	1013	1013	1013	1013	1013	HUM	%-rel		
																												BAR	mbar-msl		



DRYDEN\_85 : A174

Start: 85/07/17 14:59 Scan: 60 sec  
Average: 30.00 min Report: 10.00 min  
Loc: From surface of the lagoon near spill barrier..hose & funnel..TRS

Time	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp	Barom
14:59-15:29	.098 10.	31.80 216.	29.51	2.22	.04	.01	.03	.048	25.9	1014.0

Statistics	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp	Barom
Units	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	ppm	W/cm^2	d C	mbar-msl
Arith. Mean	.0964	30.924	28.429	2.433	.043	.013	.034	.0472	25.8	1014.0
Std. Dev.	.0315	10.096	10.287	1.182	.002	.007	.015	.0210	.7	.2
Geo. Mean	.0920	26.339	23.305	2.288	.043	.011	.031	-	-	-
Geo.Std.Dev	1.3571	1.776	1.902	1.367	1.055	1.904	1.498	-	-	-
Min Reading	.0346 .0	10.471 46.7	8.909	1.477	.039	.005	.018	.0301	24.7	1013.6
Max Reading	.1678 21.2	67.783 245.0	65.661	8.429	.047	.025	.069	.0941	27.0	1014.3
Min Average	.0981 10.0	31.798 216.1	29.507	2.224	.043	.013	.035	.0483	25.9	1014.0
Max Average	.0981 10.0	31.798 216.1	29.507	2.224	.043	.013	.035	.0483	25.9	1014.0
# Valid Rds	33. 33.	33. 33.	33.	33.	33.	33.	33.	33.	33.	33.

- Invalid Data / Not Calculated  
 no Average is less than Min. Detectable Level  
 m One or more readings Missing

Percent Valid Data Required for Valid Average: 90.0 %  
 Averaging Started at Nearest: .0 min

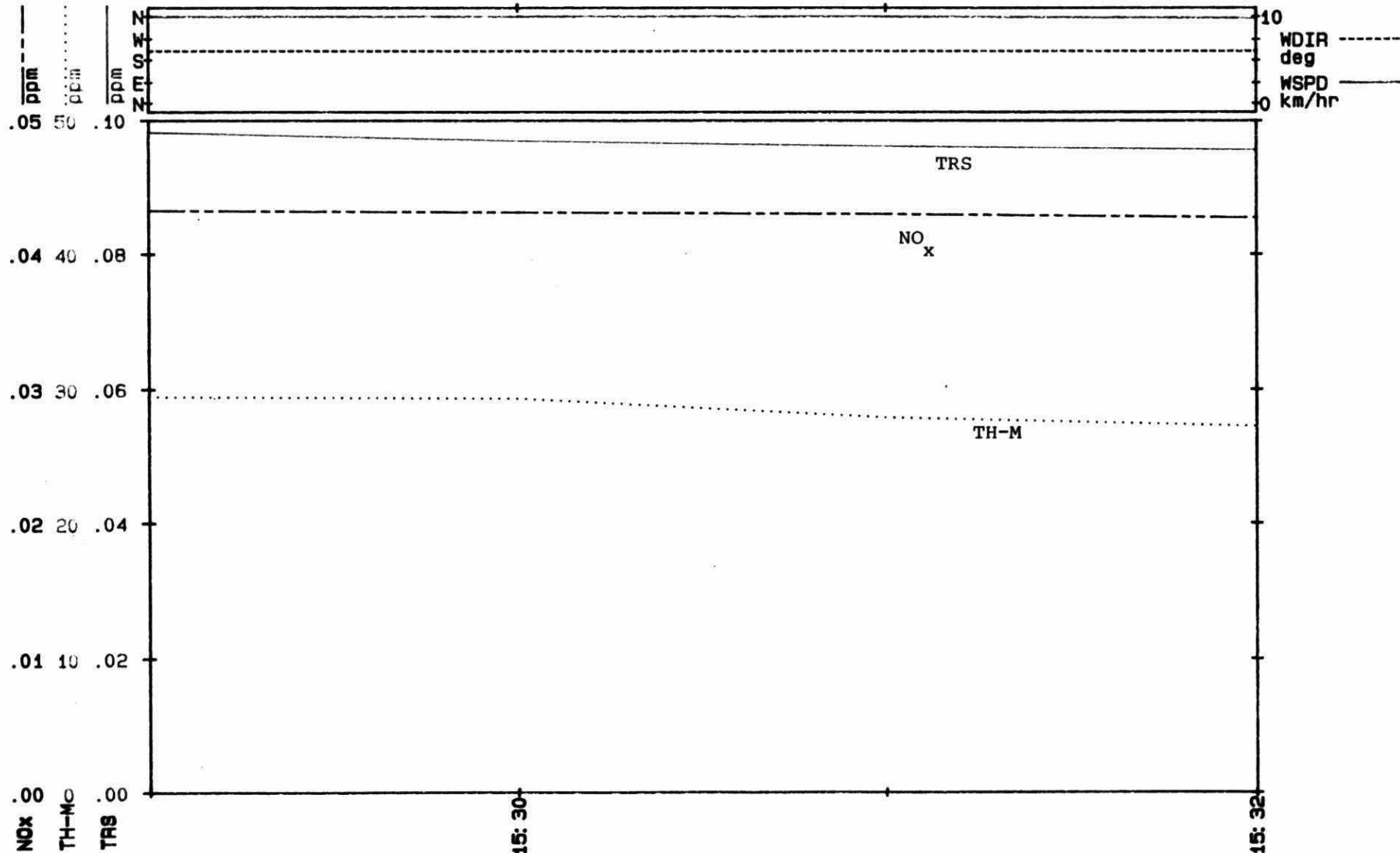
# DRYDEN\_85: A174

Start: 85/07/17 14:59 Scan: 60 sec. Ave: 30.00 min.  
 Loc: From surface of the lagoon near spill barrier..hose & funnel..TRS

.047  
 26  
 54  
 1014

.045  
 26  
 54  
 1014

SRAD W/cm^2  
 TEMP d C  
 HUM %rel  
 BAR mbar-msl



Start: 85/07/17 15:54 Scan: 300 sec  
 Average: 30.00 min Report: 15.00 min  
 Loc: Overnight monitoring at the MNR building

Time	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp	Barom
15:54-16:24	.004 5.	1.74 273.	.54	1.20	.04	.04	nd	.036	26.9	1014.0
16:09-16:39	.002 2.	1.75 265.	.55	1.20	.04	.04	nd	.039	27.7	1013.9
16:24-16:54	.002 1.	1.70 287.	.51	1.20	.04	.04	nd	.045	28.8	1013.7
16:39-17:09	.003 3.	1.67 223.	.47	1.19	.04	.04	nd	.049	29.5	1013.2
16:54-17:24	.003 7.	1.78 200.	.59	1.19	.04	.04	nd	.053	29.8	1013.1
17:09-17:39	nd 6.	1.75 181.	.55	1.19	.04	.04	nd	.050	30.0	1013.0
17:24-17:54	nd 6.	1.58 160.	.38	1.20	.04	.04	nd	.046	30.0	1013.0
17:39-18:09	nd 6.	1.55 160.	.36	1.20	.04	.04	nd	.041	29.8	1013.0
17:54-18:24	nd 7.	1.55 162.	.36	1.20	.04	.04	nd	.036	29.6	1013.0
18:09-18:39	nd 7.	1.56 165.	.36	1.20	.05	.04	nd	.024	28.5	1013.0
18:24-18:54	nd 8.	1.54 179.	.35	1.19	.04	.04	nd	.012	26.8	1013.0
18:39-19:09	nd 8.	1.52 187.	.33	1.19	.04	.04	nd	.013	26.2	1012.8
18:54-19:24	nd 10.	1.52 184.	.33	1.19	.04	.04	nd	.013	26.2	1012.5
19:09-19:39	nd 11.	1.51 184.	.31	1.20	.04	.04	nd	.011	25.8	1012.1
19:24-19:54	nd 9.	1.51 187.	.31	1.20	.04	.04	nd	.009	25.4	1012.1
19:39-20:09	nd 7.	1.53 185.	.32	1.21	.05	.04	nd	.009	25.2	1012.0

Time	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp	Barom
19:54-20:24	nd 7.	1.55 188.	.34	1.21	.05	.04	nd	.007	25.2	1012.0
20:09-20:39	nd 6.	1.58 187.	.36	1.22	.05	.04	nd	.005	24.8	1012.0
20:24-20:54	nd 8.	1.58 181.	.36	1.22	.05	.04	nd	.002	23.9	1012.0
20:39-21:09	nd 7.	1.57 189.	.34	1.23	.06	.05	nd	.001	23.0	1012.1
20:54-21:24	nd 7.	1.56 195.	.33	1.23	.05	.05	nd	.000	22.3	1012.6
21:09-21:39	nd 3.	1.63 195.	.39	1.25	.05	.05	nd	.000	21.8	1012.9
21:24-21:54	nd 1.	1.70 180.	.45	1.26	.05	.05	nd	.000	21.3	1013.0
21:39-22:09	nd 1.	1.74 174.	.49	1.26	.05	.05	nd	.000	20.9	1013.0
21:54-22:24	nd 1.	1.79 172.	.53	1.27	.06	.05	nd	.000	20.6	1013.0
22:09-22:39	nd 0.	1.72 170.	.45	1.27	.05	.05	nd	.000	20.3	1013.0
22:24-22:54	nd 0.	1.79 175.	.48	1.31	.06	.05	nd	.000	20.0	1013.3
22:39-23:09	nd 0.	1.82 203.	.50	1.32	.06	.06	nd	.000	19.7	1013.8
22:54-23:24	nd 0.	1.68 201.	.38	1.31	.06	.05	nd	.000	18.9	1014.0
23:09-23:39	nd 0.	1.65 256.	.32	1.33	.06	.05	nd	.000	17.6	1014.0
23:24-23:54	nd 0.	1.69 317.	.34	1.35	.06	.05	nd	.000	17.0	1014.0
23:39-00:09	nd 0.	1.69 314.	.34	1.35	.06	.05	nd	.000	16.6	1014.0
23:54-00:24	nd 0.	1.66 79.	.28	1.38	.06	.05	nd	.000	16.4	1014.0

Time	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp	Barom
05/07/19										
00:09-00:39	nd 0.	1.67 83.	.27	1.40	.06	.05	nd	.000	16.0	1014.0
00:24-00:54	nd 0.	1.77 271.	.35	1.42	.06	.05	.01	.000	16.0	1014.0
00:39-01:09	nd 0.	1.84 307.	.36	1.46	.08	.06	.02	.000	16.6	1014.0
00:54-01:24	nd 0.	1.74 264.	.29	1.45	.08	.06	.02	.000	16.3	1014.0
01:09-01:39	nd 0.	1.67 236.	.24	1.43	.06	.05	.01	.000	15.7	1014.5
01:24-01:54	nd 0.	1.71 208.	.25	1.47	.06	.05	.01	.000	15.3	1014.9
01:39-02:09	nd 0.	1.83 225.	.30	1.53	.05	.05	nd	.000	15.4	1014.9
01:54-02:24	nd 0.	1.93 272.	.36	1.58	.07	.05	.02	.000	15.7	1015.0
02:09-02:39	nd 0.	1.96 268.	.36	1.60	.08	.05	.02	.000	15.8	1015.0
02:24-02:54	nd 0.	1.97 247.	.33	1.64	.06	.05	.01	.000	15.7	1015.0
02:39-03:09	nd 0.	1.98 240.	.33	1.66	.05	.05	nd	.000	15.7	1015.0
02:54-03:24	nd 0.	2.06 293.	.39	1.68	.09	.06	.04	.000	16.3	1015.0
03:09-03:39	nd 0.	2.00 307.	.38	1.63	.10	.06	.04	.000	17.1	1015.0
03:24-03:54	nd 0.	1.90 277.	.32	1.58	.07	.06	.01	.000	17.0	1015.0
03:39-04:09	nd 0.	1.90 278.	.31	1.59	.06	.05	nd	.000	16.7	1015.0
03:54-04:24	nd 0.	1.85 268.	.29	1.57	.06	.05	nd	.000	16.0	1015.0
04:09-04:39	nd 0.	1.90 251.	.30	1.60	.05	.05	nd	.000	16.7	1015.0



Time	IRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp	Barom
04:24-04:54	nd 0.	1.95 225.	.31	1.65	.05	.05	nd	.000	16.7	1015.0
04:39-05:09	nd 0.	1.99 79.	.29	1.70	.05	.05	nd	.000	16.8	1015.0
04:54-05:24	nd 0.	2.01 70.	.29	1.73	.05	.05	nd	.000	17.0	1015.0
05:09-05:39	nd 0.	2.04 300.	.32	1.72	.06	.06	nd	.000	17.4	1015.0
05:24-05:54	nd 0.	2.11 284.	.37	1.74	.08	.06	.02	.000	17.5	1015.0
05:39-06:09	nd 0.	2.02 280.	.33	1.69	.07	.06	.01	.001	17.1	1015.0
05:54-06:24	nd 0.	1.92 32.	.28	1.64	.06	.05	nd	.002	17.1	1015.0
06:09-06:39	nd 0.	1.92 296.	.29	1.63	.05	.05	nd	.000	17.5	1015.0
06:24-06:54	nd 0.	2.02 289.	.45	1.57	.07	.06	.01	.001	17.8	1015.0
06:39-07:09	nd 0.	1.99 281.	.46	1.53	.07	.06	.01	.001	18.1	1015.1
06:54-07:24	nd 0.	1.82 232.	.29	1.54	.06	.06	nd	.002	17.9	1015.5
07:09-07:39	nd 0.	1.86 290.	.29	1.58	.06	.05	nd	.002	17.7	1015.9
07:24-07:54	nd 0.	1.83 305.	.29	1.55	.05	.05	nd	.002	18.0	1016.0
07:39-08:09	nd 0.	1.70 193.	.22	1.48	.04	.05	nd	.003	18.2	1016.0

Statistics	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp	Barom
Units	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	ppm	W/cm^2	d C	mbar-msl
Arith. Mean	.0012	1.765	.363	1.405	.056	.049	.009	.0003	20.6	1014.0
Std. Dev.	.0009	.193	.118	.191	.016	.008	.010	.0157	4.9	1.1
Geo. Mean	.0011	1.755	.349	1.392	.054	.048	.007	-	-	-
Geo. Std. Dev	1.4045	1.113	1.310	1.144	1.277	1.181	1.843	-	-	-
Min Reading	.0010 .0	1.491 1.3	.203	1.182	.038	.036	.005	.0000	15.0	1012.0
Max Reading	.0110 13.2	2.495 359.7	1.295	1.828	.137	.071	.072	.0596	30.2	1016.0
Min Average	.0010 .0	1.506 31.7	.225	1.189	.040	.038	.005	.0000	15.3	1012.0
Max Average	.0043 11.4	2.106 316.9	.589	1.739	.105	.064	.043	.0529	30.0	1016.0
# Valid Rds	195. 195.	195. 195.	195.	195.	195.	195.	195.	195.	195.	195.

- Invalid Data / Not Calculated  
 no Average is less than Min. Detectable Level  
 m One or more readings Missing

Percent Valid Data Required for Valid Average: 90.0 %  
 Averaging Started at Nearest: .0 min



DRYDEN SURVEY-85

MONITORING PERIOD	A171	A172	A172	A173	A174	MANU01 JULY 17/85
TIME	1038-1108	1138-1208	1239-1309	1340-1410	1505-1510	
PROPANE	5.98	5.47	3.20	15.41	29.74	
PROPADIENE						
PROPYNE						
CHLOROMETHANE						
CYCLOPROPANE						
2-METHYLPROPANE	9.19	4.14	5.69	16.39	29.08	
CHLOROETHENE						
1-BUTENE						
1,3-BUTADIENE						
BUTANE	21.45	13.98	4.47	12.31	22.41	
1-BUTYNE						
CHLOROETHANE						
3-METHYL-1-BUTENE						
2-METHYLBUTANE	14.43	16.10	3.43	11.31	23.81	
1-PENTENE						
PENTANE	10.40	13.89	6.41	9.36	13.28	
2-METHYL-1,3-BUTADIENE						
TRANS-2-PENTENE **	1.71	1.67				
CIS-2-PENTENE **	2.90	3.25				
DICHLOROMETHANE						
2-METHYL-2-BUTENE	2.90	4.90	4.22	8.46		
3-CHLOROPROPENE						
2,2-DIMETHYLBUTANE						
4-METHYL-1-PENTENE						
3-METHYL-1-PENTENE						
CYCLOPENTANE		0.82				
2,3-DIMETHYLBUTANE	1.06	1.09				
2-METHYLPENTANE	3.48	4.76	1.22	3.55		
3-METHYLPENTANE	1.71	2.83				
1-HEXENE						
CIS-1,2-DICHLOROETHENE						
2-CHLOROBUTANE						
HEXANE	2.82	4.59	0.88			
TRICHLOROMETHANE		19.43	34.67	52.57		
TRANS-3-HEXENE						
3-CHLORO-2-METHYLPROPENE		7.93				
METHYLCYCLOPENTANE	1.40	2.75				
1,2-DICHLOROETHANE						
1,1,1-TRICHLOROETHANE						
1-CHLOROBUTANE						
BENZENE	3.96	6.22	2.67	9.10	16.65	
TETRACHLOROMETHANE						
CYCLOHEXANE		0.79				
2,3-DIMETHYLPENTANE						
2-METHYLHEXANE	1.82	4.17	0.98	2.72		
CYCLOHEXENE						
3-METHYLHEXANE	0.78	1.87				
1,2-DICHLOROPROPANE						
2,3-DICHLOROPROPENE						
TRICHLOROETHENE						
2,2,4-TRIMETHYLPENTANE	1.36	3.34				

1-HEPTENE					
HEPTANE	0.97	2.11	0.62		
1-CHLORO-3-METHYLBUTANE					
TRANS-2-HEPTENE					
METHYLCYCLOHEXANE		1.22			
4-METHYLCYCLOHEXENE					
2,5-DIMETHYLHEXANE					
1-CHLOROPENTANE					
1,1,2-TRICHLOROETHANE					
TOLUENE	3.23	9.07	5.25	20.77	13.83
1,3-DICHLOROPROPANE					
2-METHYLHEPTANE		0.86			
4-METHYLHEPTANE		0.90			
3-METHYLHEPTANE					
1,2-DIBROMOETHANE					
1-OCTENE					
TRANS12DIMETHYLCYCLOHEXAN					
TRANS-4-OCTENE					
TETRACHLOROETHENE					
2-METHYL-1-HEPTENE	0.69	1.48	0.75	1.75	
OCTANE					
2-OCTENE					
CIS12DIMETHYLCYCLOHEXAN			1.42	3.72	
CHLOROBENZENE					
ETHYLCYCLOHEXANE **					
PROPYLCYCLOPENTANE **					
1-CHLOROHEXANE					
ETHYLBENZENE	0.91	2.05	0.63	2.34	3.78
m/p-XYLENE	2.36	7.88	4.32	11.95	20.78
4-METHYLOCTANE					
2-METHYLOCTANE					
STYRENE					
1,4-DICHLOROBUTANE					
O-XYLENE	0.71	2.53	0.85	2.55	0.75
1,1,2,2-TETRACHLOROETHANE					
1,2,3-TRICHLOROPROPANE			12.79		
1-NONENE					
NONANE	0.64	1.32	0.73	4.14	7.58
ISOPROPYLBENZENE					
2-CHLOROTOLUENE					
3-CHLOROTOLUENE	4.58	3.20	21.49		
PROPYLBENZENE			11.82		
4-CHLOROTOLUENE		2.47			
3-ETHYLTOLUENE	4.17	2.49	53.26	62.44	90.41
4-ETHYLTOLUENE					
1,3,5-TRIMETHYLBENZENE	3.93	5.13	38.20	54.64	77.31
2-ETHYLTOLUENE	1.60		22.08	42.80	
tert-BUTYLBENZENE **	1.24	6.45			15.06
1,2,4-TRIMETHYLBENZENE **	2.15				26.24
1,3-DICHLOROBENZENE					
1-DECENE					
(CHLOROMETHYL) BENZENE					
1,5-DICHLOROPENTANE					
DECANE	1.23	8.18			15.03
sec-BUTYLBENZENE					
3-(CHLOROMETHYL) HEPTANE			4.14		
1,2,3-TRIMETHYLBENZENE					
1ISOPROPYL4METHYLBENZENE	123.65	228.00	1741.37	867.56	274.06
1,2-DICHLOROBENZENE	14.45	15.26			
INDAN	6.46	4.77			
BUTYLCYCLOHEXANE					
1,3-DIETHYLBENZENE					
1,4-DIETHYLBENZENE **		5.66	28.42		
BUTYLBENZENE **		4.78	23.22		
1,2-DIETHYLBENZENE			1.72		12.71
UNDECANE	3.03	16.11	2.00	28.61	12.12

DECAHYDRONAPHTHALENE				30.48
1235-TETRAMETHYLBENZENE	12.14		10.33	
1234-TETRAMETHYLBENZENE				
1234-TETRAHYDRONAPHTHALENE	4.63	6.41		
1,4-DIISOPROPYLBENZENE		7.08		
DODECANE	2.50	27.79	25.87	29.03

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Total # of compounds identified	36.00	46.00	34.00	24.00	17.00
Total # of peaks	73.00	154.00	166.00	126.00	57.00
Total area of peaks	10268.56	29767.90	1.052 E5	61789.30	18014.18
Area of identified peaks	5021.09	8535.90	15787.70	4157.62	1742.98
Area % identified peaks	48.90	28.67	15.04	6.73	9.68

Total hydrocarbons ug/m3:	265.85	500.47	2083.08	1283.81	735.11
Alkanes ug/m3	76.87	128.03	53.10	117.42	123.31
Cycloalkanes ug/m3	1.40	5.58	1.42	3.72	0.00
Alkenes ug/m3	8.20	11.30	4.97	10.21	0.00
Cycloalkenes ug/m3	0.00	0.00	0.00	0.00	0.00
Alkynes ug/m3	0.00	0.00	0.00	0.00	0.00
Aromatics ug/m3	154.37	301.80	1947.30	1084.48	582.06
Chlorinated alkanes ug/m3	0.00	19.43	59.28	52.57	0.00
Chlorinated alkenes ug/m3	0.00	7.93	0.00	0.00	0.00
Chlorinated aromatics ug/m3	19.03	20.93	21.49	0.00	0.00
Toluene:Ethylbenzene	3.55	4.42	8.33	8.88	3.66
Benzene:Ethylbenzene	4.35	3.03	4.24	3.89	4.40
Xylenes:Ethylbenzene	3.37	5.08	8.21	6.20	5.70
Ethylbenzene:Ethylbenzene	1.00	1.00	1.00	1.00	1.00

\*\*-AMBIGUOUS IDENTIFICATION ON BOTH COLUMNS

DRYDEN\_85 : A182

Start: 85/07/18 10:49 Scan: 60 sec  
 Average: 30.00 min Report: 10.00 min  
 Loc: Corner of the West River and Aubrey Roads (near Sid's Bait shop)

Time	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
10:49-11:19	.5 1011.7	.021 13.	2.01 11.	.72	1.29	.03	nd	.02	.004	17.3
10:59-11:29	.4 1011.9	.008 14.	1.64 17.	.36	1.28	.03	nd	.02	.006	17.1
11:09-11:39	.4 1012.0	.002 15.	1.40 23.	.14	1.28	.02	nd	.01	.010	16.9
11:19-11:49	.6 1012.0	nd 15.	1.38 27.	.11	1.29	.02	nd	.01	.012	16.6

Statistics	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
Units	ppm mbar-msl	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	ppm	W/cm^2	d C
Arith. Mean	.56 1011.9	.0106 -	1.692 -	.410	1.292	.023	.007	.016	.0000	16.9
Std. Dev.	.48 .2	.0150 -	.493 -	.478	.030	.014	.003	.010	.0043	.4
Geo. Mean	.49 -	.0034 -	1.634 -	.204	1.292	.019	.006	.013	-	-
Geo.Std.Dev	1.59 -	4.6444 -	1.290 -	3.465	1.023	1.985	1.482	1.969	-	-
Min Reading	.24 1010.6	.0010 3.9	1.246 .6	.050	1.250	.005	.005	.005	.0030	16.0
Max Reading	3.53 1012.1	.0527 23.9	3.119 359.4	1.848	1.442	.060	.017	.047	.0168	17.5
Min Average	.41 1011.7	.0011 13.3	1.382 11.0	.113	1.279	.015	.005	.011	.0044	16.6
Max Average	.55 1012.0	.0200 15.1	2.013 26.6	.721	1.293	.030	.008	.021	.0117	17.3
# Valid Rdgs	62. 62.	62. 62.	62. 62.	62.	62.	62.	62.	62.	62.	62.

- Invalid Data / Not Calculated  
nd Average is less than Min. Detectable Level  
m One or more readings Missing

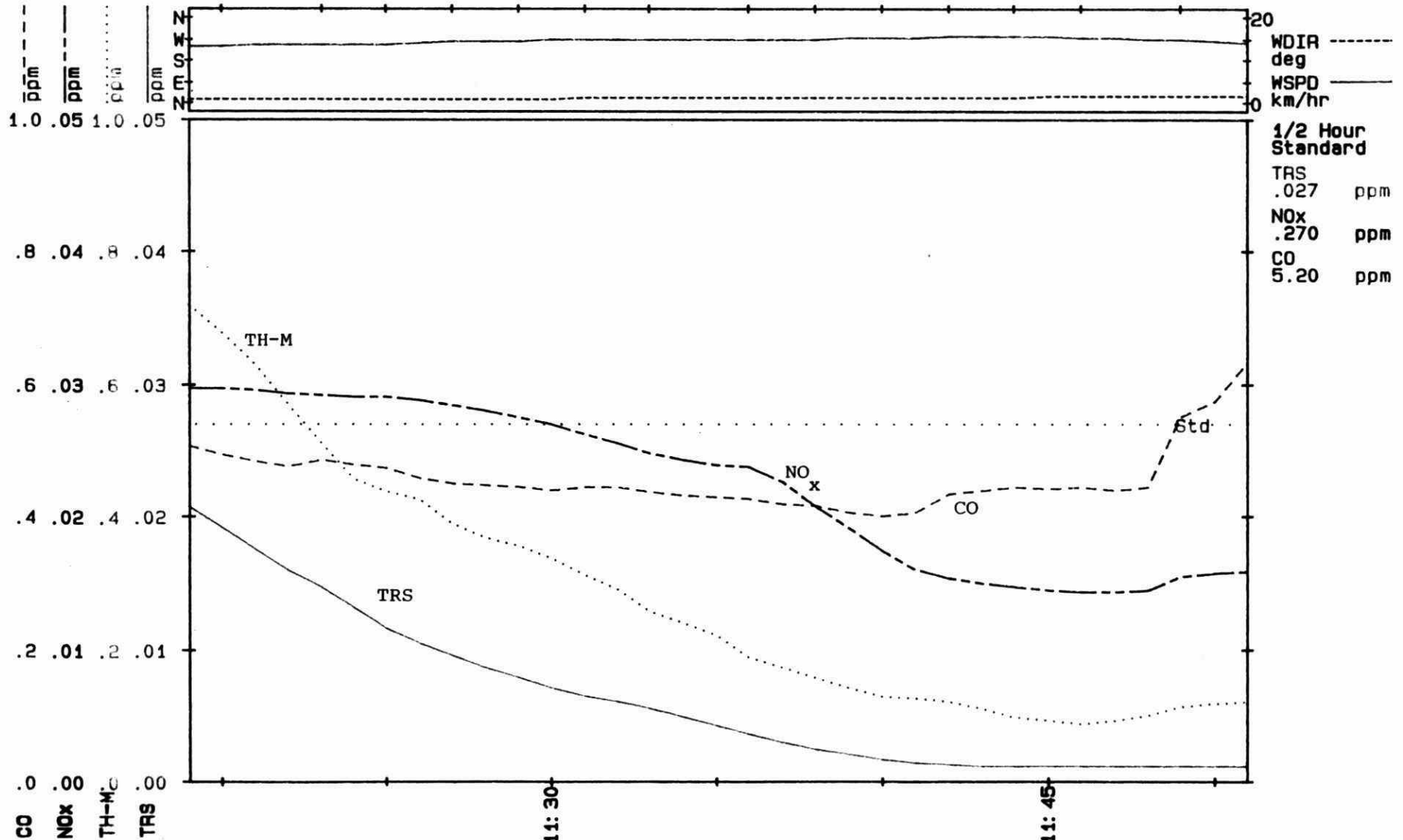
Percent Valid Data Required for Valid Average: 90.0 %  
Averaging Started at Nearest: .0 min



# DRYDEN\_85: A182

Start: 85/07/18 10:49 Scan: 60 sec. Ave: 30.00 min.  
 Loc: Corner of the West River and Aubrey Roads (near Sid's Bait shop)

														SRAD	W/cm <sup>2</sup>
														TEMP	d C
														HUM	%-rel
														BAR	mbar-msl
.005	.005	.005	.006	.006	.006	.007	.008	.009	.010	.011	.011	.012	.012		
17	17	17	17	17	17	17	17	17	17	17	17	17	17		
96	96	97	97	97	98	98	98	99	99	99	99	99	100		
1012	1012	1012	1012	1012	1012	1012	1012	1012	1012	1012	1012	1012	1012		



DRYDEN\_85 : A183

Start: 85/07/18 11:58 Scan: 60 sec  
 Average: 30.00 min Report: 10.00 min  
 Loc: On Olson's Landing Road due west of GLFPL & near Woodland's Pkng lot

Time	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
11:58-12:28	.3 1012.3	.002 19.	1.50 66.	.20	1.31	.02	nd	nd	.009	15.7
12:08-12:38	.3 1012.2	.002 20.	1.58 61.	.26	1.33	.03	.01	.01	.019	16.0
12:18-12:48	.3 1011.9	.004 19.	1.61 60.	.27	1.34	.03	.01	.01	.033	16.7
12:28-12:58	.3 1012.0	.003 18.	1.48 65.	.17	1.32	.02	nd	.01	.043	17.5
12:38-13:08	.2 1012.1	.002 16.	1.37 69.	nd	1.30	.02	nd	nd	.049	18.3
12:48-13:18	.2 1012.6	nd 18.	1.30 72.	nd	1.30	.01	nd	nd	.050	19.0
12:58-13:28	.2 1012.6	nd 20.	1.28 72.	nd	1.29	.01	nd	nd	.054	19.6
13:08-13:38	.2 1012.7	nd 18.	1.26 74.	nd	1.29	nd	nd	nd	.057	20.3
13:18-13:48	.2 1012.8	nd 15.	1.28 71.	nd	1.29	.01	nd	nd	.055	21.0

Statistics	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
Units	ppm mbar-asl	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	ppm	W/cm^2	d C
Arith. Mean	.34 1012.4	.0019 -	1.402 -	.133	1.304	.017	.008	.009	.0388	18.3
Std. Dev.	1.09 1.0	.0018 -	.195 -	.141	.027	.011	.005	.006	.0201	2.1
Geo. Mean	.24 -	.0014 -	1.390 -	.088	1.304	.014	.007	.008	-	-
Geo.Std.Dev	1.60 -	1.9253 -	1.140 -	2.327	1.020	1.982	1.655	1.727	-	-
Min Reading	.10 1003.5	.0010 .2	1.145 46.6	.050	1.275	.005	.005	.005	.0044	15.6
Max Reading	11.70 1013.5	.0089 31.6	1.963 92.7	.555	1.421	.045	.022	.026	.0769	21.7
Min Average	.19 1011.9	.0010 14.9	1.257 60.4	.052	1.287	.009	.005	.005	.0089	15.7
Max Average	.30 1012.8	.0038 19.8	1.608 73.9	.271	1.336	.029	.013	.015	.0573	21.0
# Valid Rdgs	111. 111.	111. 111.	111. 111.	111.	111.	111.	111.	111.	111.	111.

- Invalid Data / Not Calculated

nd Average is less than Min. Detectable Level

m One or more readings Missing

Percent Valid Data Required for Valid Average: 90.0 %

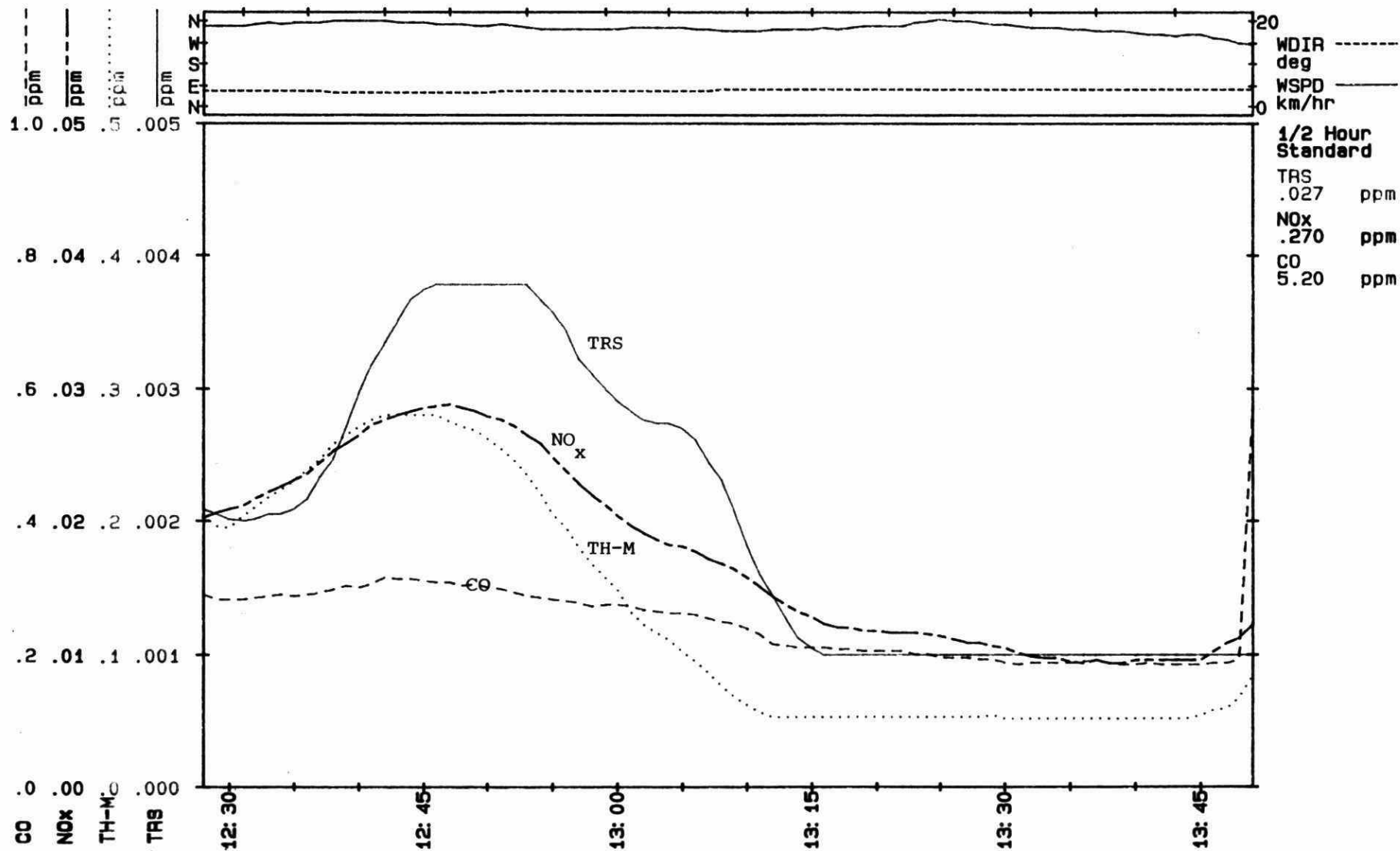
Averaging Started at Nearest: .0 min

# DRYDEN\_85: A183

Start: 85/07/18 11:58 Scan: 60 sec. Ave: 30.00 min.  
 Loc: On Olson's Landing Road due west of GLFPL & near Woodland's Pkng lot

.011	.016	.025	.032	.038	.044	.047	.049	.049	.051	.052	.057	.057	.057
16	16	16	17	17	18	18	18	19	19	19	20	20	21
95	94	92	90	88	86	84	81	80	77	76	74	73	72
1012	1012	1012	1012	1012	1012	1012	1012	1013	1013	1013	1013	1013	1013

SRAD	W/cm^2
TEMP	d C
HUM	%-rel
BAR	mbar-msl



DRYDEN\_85 : A184

Start: 85/07/18 13:51 Scan: 60 sec  
 Average: 30.00 min Report: 10.00 min  
 Loc: On Olson's Landing Road due west of GLFPL & 100m south of dump road

Time	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
13:51-14:21	1.3 1012.7	.013 10.	1.52 77.	.23	1.29	.03	nd	.01	.073	23.0
14:01-14:31	1.1 1012.7	.010 12.	1.46 78.	.20	1.28	.02	nd	nd	.066	23.3
14:11-14:41	1.1 1012.6	- 11.	1.37 78.	.14	1.28	.02	nd	nd	.069	23.5
14:21-14:51	1.3 1012.6	- 10.	1.33 85.	.12	1.27	.01	nd	nd	.069	23.7
14:31-15:01	1.1 1012.5	- 9.	1.36 83.	.14	1.26	.01	nd	nd	.081	24.3
14:41-15:11	.9 1012.4	- 10.	1.44 68.	.17	1.30	.01	nd	nd	.077	25.0
14:51-15:21	.7 1012.3	.006 11.	1.47 51.	.17	1.32	.01	nd	nd	.074	25.4
15:01-15:31	1.4 1012.2	.004 11.	1.55 47.	.22	1.34	.01	nd	nd	.073	25.8
15:11-15:41	1.3 1012.2	nd 11.	1.46 45.	.18	1.31	nd	nd	nd	.071	25.9
15:21-15:51	1.3 1012.2	nd 8.	1.41 49.	.17	1.29	.01	nd	nd	.069	26.2
15:31-16:01	.8 1012.2	.003 8.	1.30 46.	nd	1.27	nd	nd	nd	.066	26.4

Statistics	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
Units	ppm mbar-msl	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	ppm	W/cm <sup>2</sup>	d C
Arith. Mean	1.15 1012.4	.0060 -	1.414 -	.161	1.289	.014	.006	.009	.0700	24.9
Std. Dev.	2.27 .3	.0077 -	.304 -	.236	.073	.012	.003	.009	.0145	1.6
Geo. Mean	.63 -	.0030 -	1.390 -	.097	1.287	.010	.006	.007	-	-
Geo.Std.Dev	2.54 -	3.2399 -	1.192 -	2.490	1.055	2.143	1.418	1.816	-	-
Min Reading	.17 1011.3	.0010 .0	1.095 6.6	.050	1.201	.005	.005	.005	.0265	21.2
Max Reading	23.10 1013.0	.0317 22.4	3.003 297.4	2.219	1.607	.002	.021	.063	.1029	27.7
Min Average	.65 1012.2	.0016 8.0	1.297 45.4	.090	1.263	.008	.005	.006	.0660	23.0
Max Average	1.47 1012.7	.0135 11.8	1.547 85.1	.232	1.341	.026	.009	.014	.0813	26.4
# Valid Rdgs	139. 139.	130. 139.	139. 139.	139.	139.	139.	139.	139.	139.	139.

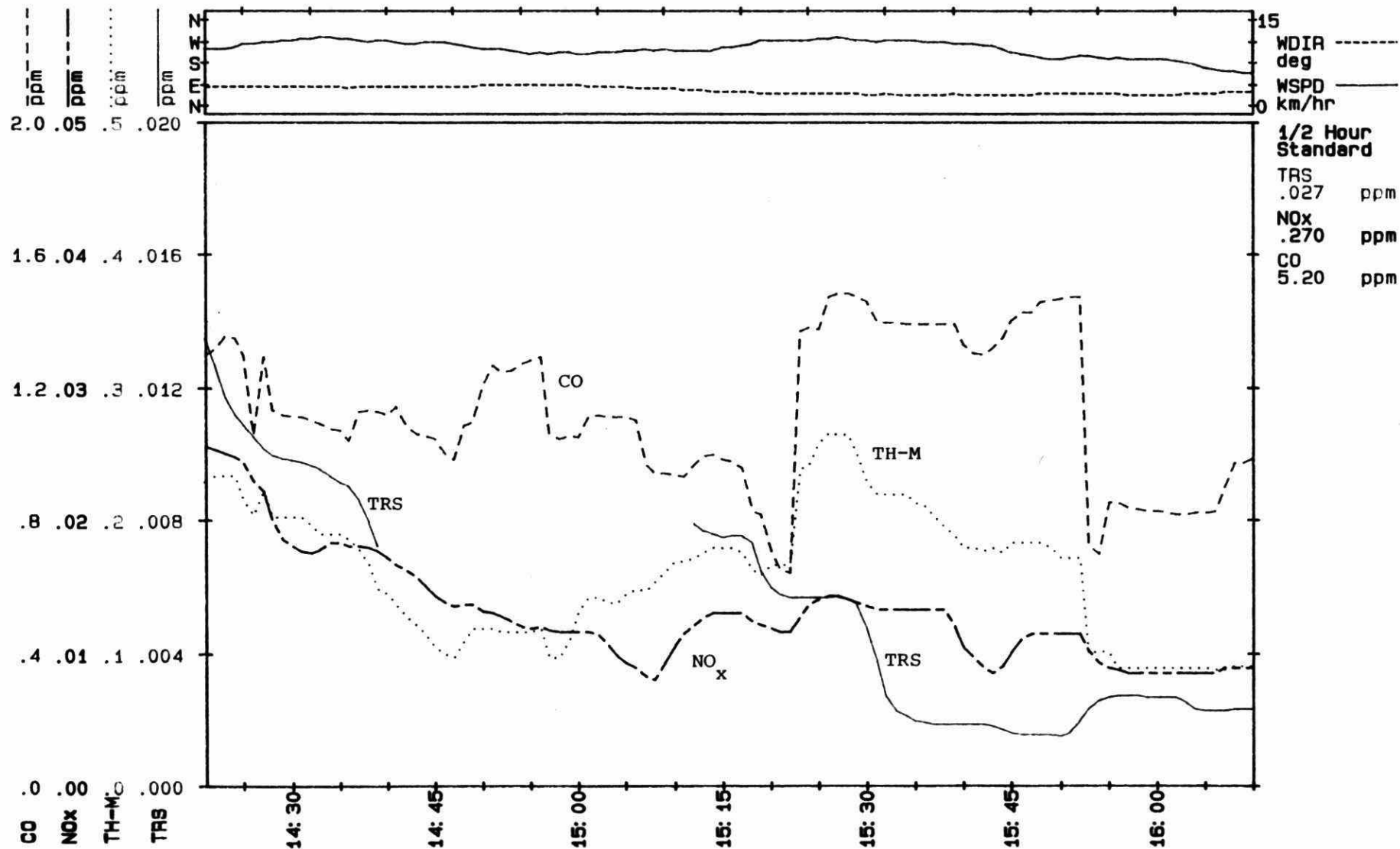
- Invalid Data / Not Calculated
- no Average is less than Min. Detectable Level
- m One or more readings Missing

Percent Valid Data Required for Valid Average: 90.0 %  
Averaging Started at Nearest: .0 min

# DRYDEN\_85: A184

Start: 85/07/18 13:51 Scan: 60 sec. Ave: 30.00 min.  
 Loc: On Olson's Landing Road due west of GLFPL & 100m south of dump road

														SRAD	W/cm^2
														TEMP	d C
														HUM	%-rel
														BAR	mbar-msl
.072	.067	.068	.070	.071	.081	.078	.075	.074	.072	.071	.070	.068	.066		
23	23	23	24	24	24	25	25	26	26	26	26	26	26		
60	60	59	59	58	57	55	54	53	51	51	51	50	49		
1013	1013	1013	1013	1013	1013	1012	1012	1012	1012	1012	1012	1012	1012		



DRYDEN\_85 : A185

Start: 85/07/18 16:47 Scan: 300 sec  
Average: 30.00 min Report: 15.00 min  
Loc: Overnight monitoring at the MNR building

Time	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
16:47-17:17	.5 1014.3	nd 9.	1.19 102.	nd	1.16	nd	nd	nd	.040	26.1
17:02-17:32	.6 1014.3	nd 10.	1.20 107.	nd	1.16	nd	nd	nd	.024	24.9
17:17-17:47	.5 1014.2	nd 10.	1.15 98.	nd	1.15	nd	nd	nd	.022	24.4
17:32-18:02	.4 1013.8	nd 10.	1.15 103.	nd	1.14	nd	nd	nd	.018	23.9
17:47-18:17	.5 1013.4	nd 11.	1.16 114.	nd	1.15	nd	nd	nd	.013	23.4
18:02-18:32	.4 1013.3	nd 9.	1.16 113.	nd	1.15	nd	nd	nd	.010	22.9
18:17-18:47	.3 1013.3	nd 8.	1.15 96.	nd	1.15	nd	nd	nd	.009	22.5
18:32-19:02	.3 1013.3	nd 6.	1.16 93.	nd	1.16	.01	.01	nd	.006	22.1
18:47-19:17	.4 1013.2	nd 4.	1.19 105.	nd	1.16	.02	.02	nd	.003	21.7
19:02-19:32	.5 1012.9	nd 5.	1.22 107.	nd	1.17	.02	.02	nd	.002	21.2
19:17-19:47	.4 1012.9	nd 3.	1.25 107.	nd	1.19	.01	.01	nd	.001	20.9
19:32-20:02	.5 1013.1	nd 2.	1.30 128.	nd	1.22	.02	.02	nd	.000	20.4
19:47-20:17	.5 1013.0	nd 2.	1.36 128.	.12	1.22	.03	.02	.01	.000	19.2
20:02-20:32	.4 1013.2	nd 1.	1.29 294.	.10	1.20	.02	.02	nd	.000	18.2
20:17-20:47	.6 1012.9	nd 1.	1.39 291.	.17	1.23	.02	.02	.01	.000	17.9
20:32-21:02	.8 1012.5	nd 0.	1.46 257.	.21	1.25	.04	.02	.01	.000	17.8



Time	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
20:47-21:17	.6 1012.3	nd 0.	1.28 244.	nd	1.22	.03	.02	nd	.000	17.4
21:02-21:32	.6 1012.3	nd 0.	1.28 258.	nd	1.23	.03	.02	.01	.000	17.2
21:17-21:47	.7 1012.3	nd 0.	1.39 288.	.13	1.26	.05	.03	.02	.000	17.2
21:32-22:02	.6 1012.4	nd 0.	1.38 254.	.12	1.26	.04	.02	.02	.000	17.2
21:47-22:17	.5 1012.9	nd 0.	1.34 275.	nd	1.26	.03	.02	nd	.000	17.1
22:02-22:32	.4 1013.3	nd 1.	1.35 294.	nd	1.28	.02	.02	nd	.000	17.0
22:17-22:47	.5 1013.4	nd 1.	1.48 298.	.15	1.33	.03	.02	.01	.000	17.1
22:32-23:02	.8 1013.6	.002 0.	1.81 351.	.42	1.38	.06	.03	.03	.000	17.3
22:47-23:17	.7 1013.9	.003 0.	1.79 175.	.42	1.37	.05	.03	.02	.000	17.3
23:02-23:32	.4 1013.8	nd 0.	1.49 146.	.15	1.34	.02	.02	nd	.000	17.3
23:17-23:47	.3 1013.9	nd 0.	1.36 119.	nd	1.32	nd	.02	nd	.000	17.2
23:32-00:02	.3 1013.9	nd 0.	1.42 59.	nd	1.37	nd	.02	nd	.000	16.8
23:47-00:17	.3 1013.5	nd 0.	1.44 92.	nd	1.38	.01	.02	nd	.000	16.3
00:07/19 00:02-00:32	.3 1013.4	nd 0.	1.40 190.	nd	1.35	.01	.02	nd	.000	16.0
00:17-00:47	.3 1013.3	nd 0.	1.43 184.	nd	1.36	nd	.02	nd	.000	15.8
00:32-01:02	.3 1013.3	nd 0.	1.44 278.	.10	1.35	.02	.02	.01	.000	15.7
00:47-01:17	.3 1013.3	nd 0.	1.52 203.	.15	1.38	.03	.02	.01	.000	15.3

Time	CO Barom	TRE Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
01:02-01:32	.2 1013.4	nd 0.	1.58 140.	.16	1.42	.01	.01	nd	.000	14.8
01:17-01:47	.2 1013.5	nd 0.	1.53 121.	.12	1.40	nd	.02	nd	.000	14.8
01:32-02:02	.3 1013.7	.002 0.	1.51 89.	.12	1.38	.02	.02	nd	.000	15.3
01:47-02:17	.3 1014.0	nd 0.	1.59 135.	.15	1.44	.01	.02	nd	.000	15.2
02:02-02:32	.3 1014.2	nd 0.	1.57 127.	nd	1.47	.01	.01	nd	.000	15.1
02:17-02:47	.2 1014.3	nd 0.	1.48 80.	nd	1.42	.02	.02	nd	.020	15.3
02:32-03:02	.2 1014.3	nd 0.	1.44 79.	nd	1.39	.02	.02	nd	.000	15.1
02:47-03:17	.2 1014.3	nd 2.	1.42 298.	nd	1.39	.02	.02	nd	.000	14.7
03:02-03:32	.1 1014.3	nd 2.	1.42 297.	nd	1.42	.02	.02	nd	.000	14.4
03:17-03:47	nd 1014.3	nd 0.	1.38 284.	nd	1.39	.02	.02	nd	.000	14.3
03:32-04:02	nd 1014.6	nd 2.	1.31 308.	nd	1.36	.02	.02	nd	.000	14.3
03:47-04:17	nd 1015.1	nd 3.	1.29 305.	nd	1.36	.02	.02	nd	.000	14.4
04:02-04:32	nd 1015.3	nd 10.	1.26 292.	nd	1.35	.01	.02	nd	.000	14.8
04:17-04:47	nd 1015.3	nd 17.	1.21 292.	nd	1.33	nd	.02	nd	.000	15.1
04:32-05:02	nd 1015.5	nd 13.	1.19 294.	nd	1.32	nd	.01	nd	.000	15.3
04:47-05:17	nd 1015.9	nd 4.	1.20 294.	nd	1.32	nd	nd	nd	.000	15.2
05:02-05:32	nd 1016.2	nd 3.	1.24 259.	nd	1.33	nd	.01	nd	.000	15.1

Time	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
05:17-05:47	nd 1016.3	nd 5.	1.26 258.	nd	1.34	nd	.02	nd	.000	15.3
05:32-06:02	nd 1016.4	.003 6.	1.28 266.	nd	1.35	nd	.02	nd	.001	15.4
05:47-06:17	nd 1016.8	.005 12.	1.26 277.	nd	1.34	nd	.01	nd	.002	15.2
06:02-06:32	nd 1017.3	.004 16.	1.22 282.	nd	1.33	nd	.01	nd	.003	15.0
06:17-06:47	nd 1017.3	nd 13.	1.23 283.	nd	1.33	nd	.01	nd	.005	14.9
06:32-07:02	nd 1017.5	.002 12.	1.26 275.	nd	1.35	nd	.01	nd	.009	15.3
06:47-07:17	nd 1017.9	.004 14.	1.26 278.	nd	1.35	nd	.01	nd	.013	15.8
07:02-07:32	nd 1018.2	.002 16.	1.24 282.	nd	1.34	nd	.01	nd	.017	16.1
07:17-07:47	nd 1018.3	nd 19.	1.21 279.	nd	1.33	nd	.01	nd	.021	16.3
07:32-08:02	nd 1018.3	nd 21.	1.21 278.	nd	1.32	nd	.01	nd	.024	16.5
07:47-08:17	nd 1018.3	nd 23.	1.21 278.	nd	1.32	nd	.01	nd	.023	16.5
08:02-08:32	nd 1018.4	nd 22.	1.21 278.	nd	1.32	nd	.01	nd	.024	16.7
08:17-08:47	nd 1018.8	nd 21.	1.22 278.	nd	1.32	nd	.01	nd	.025	16.9

Statistics	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
Units	ppm mbar-msl	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	ppm	W/cm^2	d C
Arith. Mean	.30 1014.6	.0013 -	1.321 -	.085	1.294	.016	.016	.007	.0058	17.4
Std. Dev.	.24 1.9	.0010 -	.200 -	.094	.130	.014	.006	.006	.0107	3.1
Geo. Mean	.20 -	.0012 -	1.294 -	.066	1.275	.011	.014	.006	-	-
Geo.Std.Dev	2.74 -	1.5393 -	1.312 -	1.787	1.278	2.286	1.610	1.606	-	-
Min Reading	.05 1012.3	.0010 -.0	.050 6.1	.050	.050	.005	.005	.005	.0000	14.1
Max Reading	1.11 1019.3	.0009 26.3	2.135 356.1	.693	1.528	.072	.032	.040	.0607	27.1
Min Average	.05 1012.3	.0010 .0	1.151 58.9	.050	1.145	.005	.005	.005	.0000	14.3
Max Average	.81 1018.8	.0046 22.7	1.807 350.7	.422	1.471	.055	.028	.027	.0403	26.1
# Valid Rds	194. 194.	194. 194.	194. 194.	194.	194.	194.	194.	194.	194.	194.

- Invalid Date / Not Calculated

nd Average is less than Min. Detectable Level

z One or more readings Missing

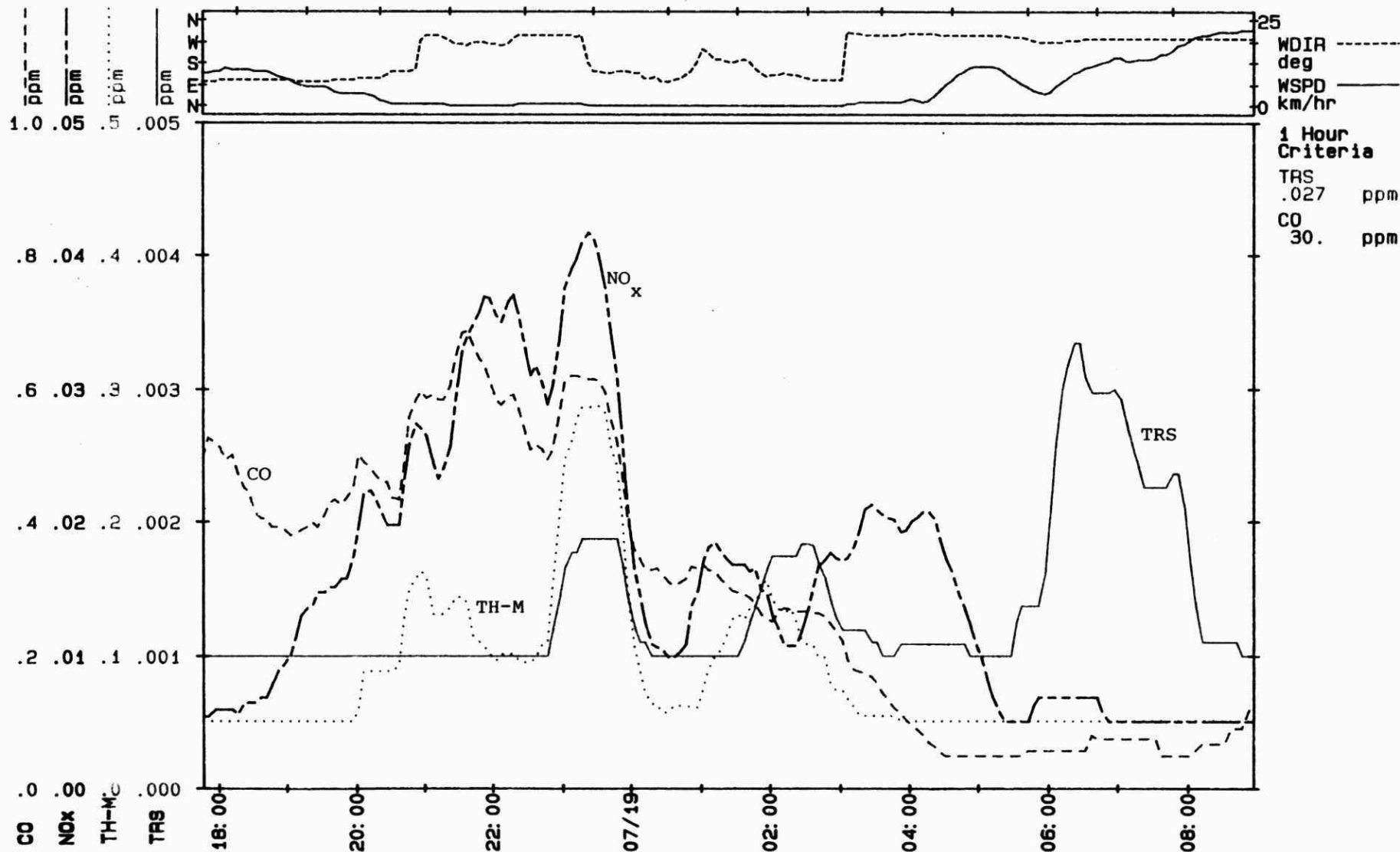
Percent Valid Data Required for Valid Average: 90.0 %

Averaging Started at Nearest: .0 min

# DRYDEN\_85: A185

Start: 85/07/18 16: 47 Scan: 300 sec. Ave: 60.00 min.  
Loc: Overnight monitoring at the MNR building

.018	.006	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.003	.017	SRAD	W/cm^2
24	22	20	18	17	17	16	15	15	15	15	15	15	16	TEMP	d C
59	63	77	94	95	96	99	100	100	100	99	98	97	91	HUM	%-rel
1014	1013	1013	1013	1013	1014	1014	1013	1014	1014	1015	1016	1017	1018	BAR	mbar-msl



DRYDEN\_85 : A192

Start: 85/07/19 10:49 Scan: 60 sec  
 Average: 30.00 min Report: 10.00 min  
 Loc: Main dock area at lagoon

Time	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
10:49-11:19	- 1015.2	.032 40.	1.61 316.	.33	1.16	nd	nd	nd	.068	20.9
10:59-11:29	1.3 1015.3	.031 38.	1.63 320.	.34	1.17	nd	nd	nd	.069	21.0
11:09-11:39	1.2 1015.3	.029 37.	1.66 329.	.35	1.18	nd	nd	nd	.067	21.1
11:19-11:49	.3 1015.4	.029 36.	1.65 330.	.34	1.19	nd	nd	nd	.054	21.0
11:29-11:59	.3 1015.5	.029 37.	1.67 327.	.35	1.19	nd	nd	nd	.047	21.1
11:39-12:09	.3 1015.5	.029 36.	1.66 320.	.35	1.18	nd	nd	nd	.036	20.9
11:49-12:19	.3 1015.5	.025 32.	1.66 322.	.35	1.19	nd	nd	nd	.048	21.3
11:59-12:29	.3 1015.5	.025 28.	1.70 322.	.37	1.21	nd	nd	nd	.048	21.5
12:09-12:39	.3 1015.5	.027 28.	1.69 317.	.36	1.21	nd	nd	nd	.067	22.1
12:19-12:49	.3 1015.6	.029 31.	1.69 314.	.36	1.20	nd	nd	nd	.064	22.4

Statistics	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
Units	ppm mbar-msl	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	ppm	W/cm^2	d C
Arith. Mean	.54 1015.4	.0288 -	1.654 -	.347	1.184	.005	.005	.005	.0580	21.4
Std. Dev.	1.77 .2	.0056 -	.138 -	.102	.043	.000	.000	.000	.0263	.7
Geo. Mean	.30 -	.0282 -	1.649 -	.333	1.183	.005	.005	.005	-	-
Geo.Std.Dev	1.80 -	1.2152 -	1.083 -	1.327	1.036	1.000	1.000	1.000	-	-
Min Reading	.05 1015.0	.0169 13.2	1.405 300.5	.142	1.122	.005	.005	.005	.0192	20.3
Max Reading	14.33 1015.6	.0458 51.1	2.343 348.7	.847	1.386	.005	.005	.005	.1100	23.3
Min Average	.27 1015.2	.0254 28.0	1.608 314.3	.331	1.156	.005	.005	.005	.0361	20.9
Max Average	1.28 1015.6	.0318 39.6	1.698 329.5	.366	1.211	.005	.005	.005	.0693	22.4
# Valid Rdgs	118. 122.	122. 122.	122. 122.	122.	122.	122.	122.	122.	122.	122.

- Invalid Data / Not Calculated

nd Average is less than Min. Detectable Level

m One or more readings Missing

Percent Valid Data Required for Valid Average: 90.0 %  
Averaging Started at Nearest: .0 min

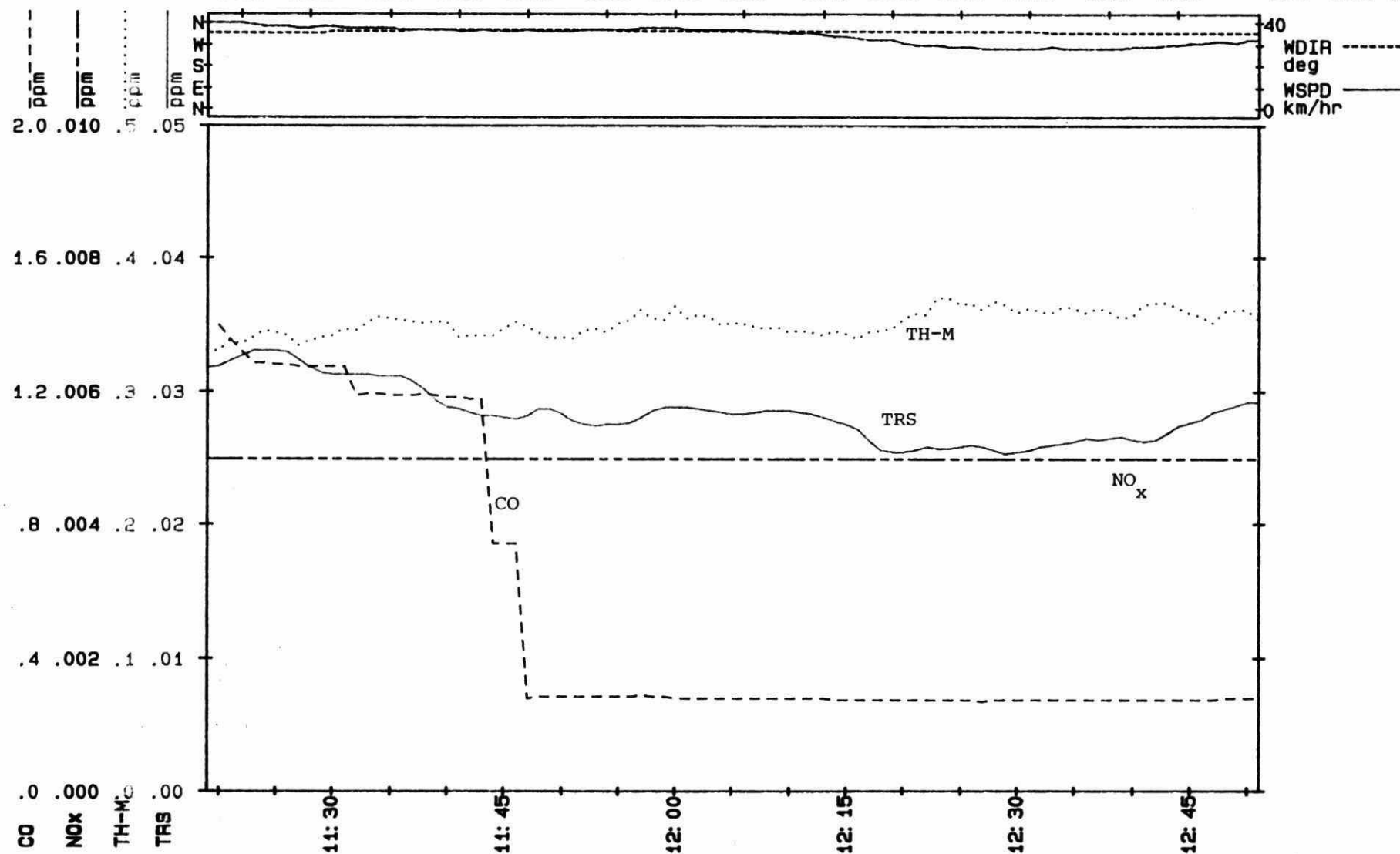
# DRYDEN\_85: A192

Start: 85/07/19 10:49 Scan: 60 sec. Ave: 30.00 min.

Loc: Main dock area at lagoon

.065	.069	.071	.064	.055	.056	.045	.036	.040	.048	.043	.051	.065	.068
21	21	21	21	21	21	21	21	21	21	21	22	22	22
69	69	68	68	68	68	67	67	67	65	65	64	62	61
1015	1015	1015	1015	1015	1015	1016	1016	1016	1016	1016	1015	1016	1016

SRAD	W/cm <sup>2</sup>
TEMP	d C
HUM	%-rel
BAR	mbar-msl





DRYDEN\_85 : A193

Start: 85/07/19 12:54 Scan: 60 sec  
 Average: 30.00 min Report: 10.00 min  
 Loc: From surface of lagoon near main dock area...funnel & hose

Time	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
12:54-13:24	.4 1016.6	.045 30.	2.81 305.	1.36	1.38	nd	nd	nd	.064	22.3
13:04-13:34	.4 1016.5	.043 30.	2.87 308.	1.38	1.42	nd	nd	nd	.074	22.8
13:14-13:44	.4 1016.3	.040 30.	2.96 315.	1.42	1.47	nd	nd	nd	.084	23.4
13:24-13:54	.5 1016.3	.040 29.	3.21 317.	1.58	1.56	nd	nd	.01	.084	23.8
13:34-14:04	.5 1016.2	.040 29.	3.13 313.	1.54	1.52	nd	nd	.01	.084	24.2
13:44-14:14	.4 1016.2	.036 29.	2.95 306.	1.42	1.45	nd	nd	.01	.082	24.4

Statistics	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
Units	ppm mbar-msl	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	ppm	W/cm^2	d C
Arith. Mean	.41 1016.4	.0416 -	2.917 -	1.410	1.436	.007	.005	.009	.0767	23.5
Std. Dev.	.16 .2	.0009 -	.618 -	.429	.203	.003	.000	.003	.0226	1.0
Geo. Mean	.40 -	.0405 -	2.870 -	1.366	1.425	.007	.005	.009	-	-
Geo.Std.Dev	1.30 -	1.2621 -	1.186 -	1.273	1.129	1.462	1.022	1.441	-	-
Min Reading	.26 1016.1	.0171 17.4	1.770 273.9	.590	1.007	.005	.005	.005	.0184	21.6
Max Reading	1.40 1016.8	.0632 47.0	7.269 334.5	4.413	2.827	.013	.005	.013	.1141	25.2
Min Average	.40 1016.2	.0362 28.6	2.808 304.6	1.365	1.379	.006	.005	.007	.0639	22.3
Max Average	.47 1016.6	.0453 30.2	3.214 317.4	1.581	1.556	.008	.005	.012	.0841	24.4
% Valid Rds	98. 98.	98. 98.	98. 98.	98.	98.	98.	98.	98.	98.	98.

- Invalid Data / Not Calculated  
 nd Average is less than Min. Detectable Level  
 n One or more readings Missing

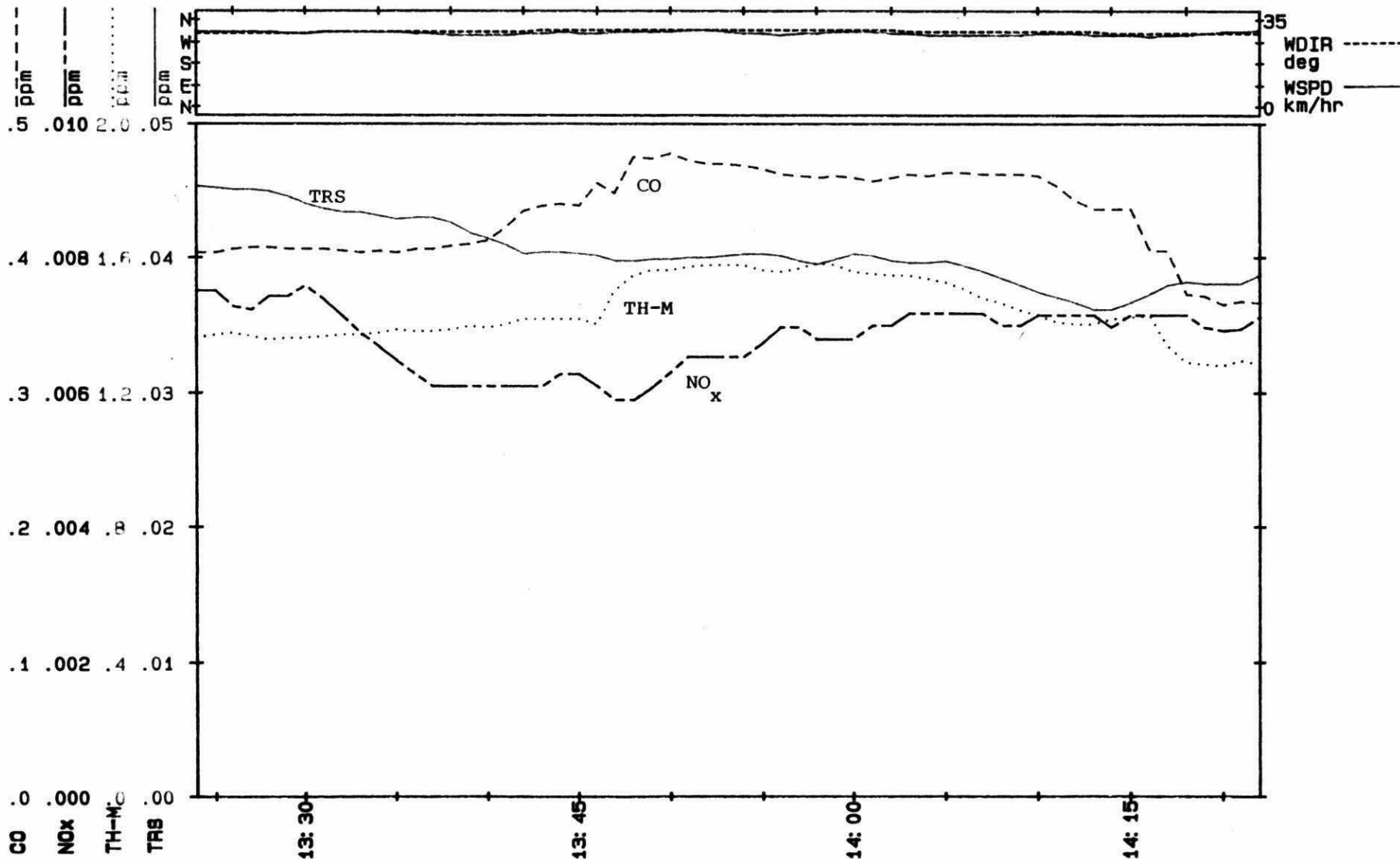
Percent Valid Data Required for Valid Average: 90.0 %  
 Averaging Started at Nearest: .0 min

# DRYDEN\_85: A193

Start: 85/07/19 12:54 Scan: 60 sec. Ave: 30.00 min.  
 Loc: From surface of lagoon near main dock area...funnel & hose

	.067	.074	.074	.078	.083	.082	.085	.084	.084	.084	.084	.084	.082	.082	SRAD	W/cm^2
22	23	23	23	23	24	24	24	24	24	24	24	24	24	24	TEMP	d C
61	60	59	58	57	57	56	56	55	55	55	55	55	54	54	HUM	%-rel
1017	1017	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	BAR	mbar-msl

-300-



DRYDEN\_85 : A194

Start: 85/07/19 14:26 Scan: 60 sec  
 Average: 30.00 min Report: 10.00 min  
 Loc: From surface of lagoon near main dock area..funnel & hose..CxSx

Time	CO Barom	CxSx Wind-Sed	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
14:26-14:56	.4 1016.7	.007 36.	2.22 291.	.92	1.22	nd	nd	nd	.068	24.3
14:36-15:06	.4 1016.6	.006 37.	2.20 292.	.91	1.20	nd	nd	nd	.070	24.2
14:46-15:16	.4 1016.6	.007 35.	2.45 301.	1.11	1.27	nd	nd	nd	.071	24.6
14:56-15:26	.4 1016.5	.008 33.	2.74 309.	1.32	1.35	nd	nd	.01	.070	24.0

Statistics	CO Barom	CxSx Wind-Sed	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
Units	ppm mbar-msl	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	ppm	W/cm^2	d C
Arith. Mean	.42 1016.6	.0073 -	2.473 -	1.115	1.283	.006	.005	.010	.0689	24.6
Std. Dev.	.12 .1	.0018 -	.532 -	.412	.142	.002	.000	.003	.0192	.5
Geo. Mean	.39 -	.0071 -	2.413 -	1.031	1.275	.006	.005	.010	-	-
Geo. Std. Dev	1.26 -	1.3199 -	1.253 -	1.517	1.119	1.333	1.000	1.440	-	-
Min Reading	.26 1016.3	.0032 16.3	1.593 270.2	.418	1.071	.005	.005	.005	.0145	23.6
Max Reading	1.04 1016.9	.0103 49.2	3.508 323.1	2.072	1.495	.012	.005	.014	.0935	25.3
Min Average	.35 1016.5	.0063 32.6	2.199 291.4	.914	1.204	.006	.005	.008	.0679	24.2
Max Average	.44 1016.7	.0077 37.3	2.740 309.0	1.321	1.351	.006	.005	.011	.0712	24.8
# Valid Rds	64. 64.	64. 64.	64. 64.	64.	64.	64.	64.	64.	64.	64.

- Invalid Data / Not Calculated

nd Average is less than Min. Detectable Level

m One or more readings Missing

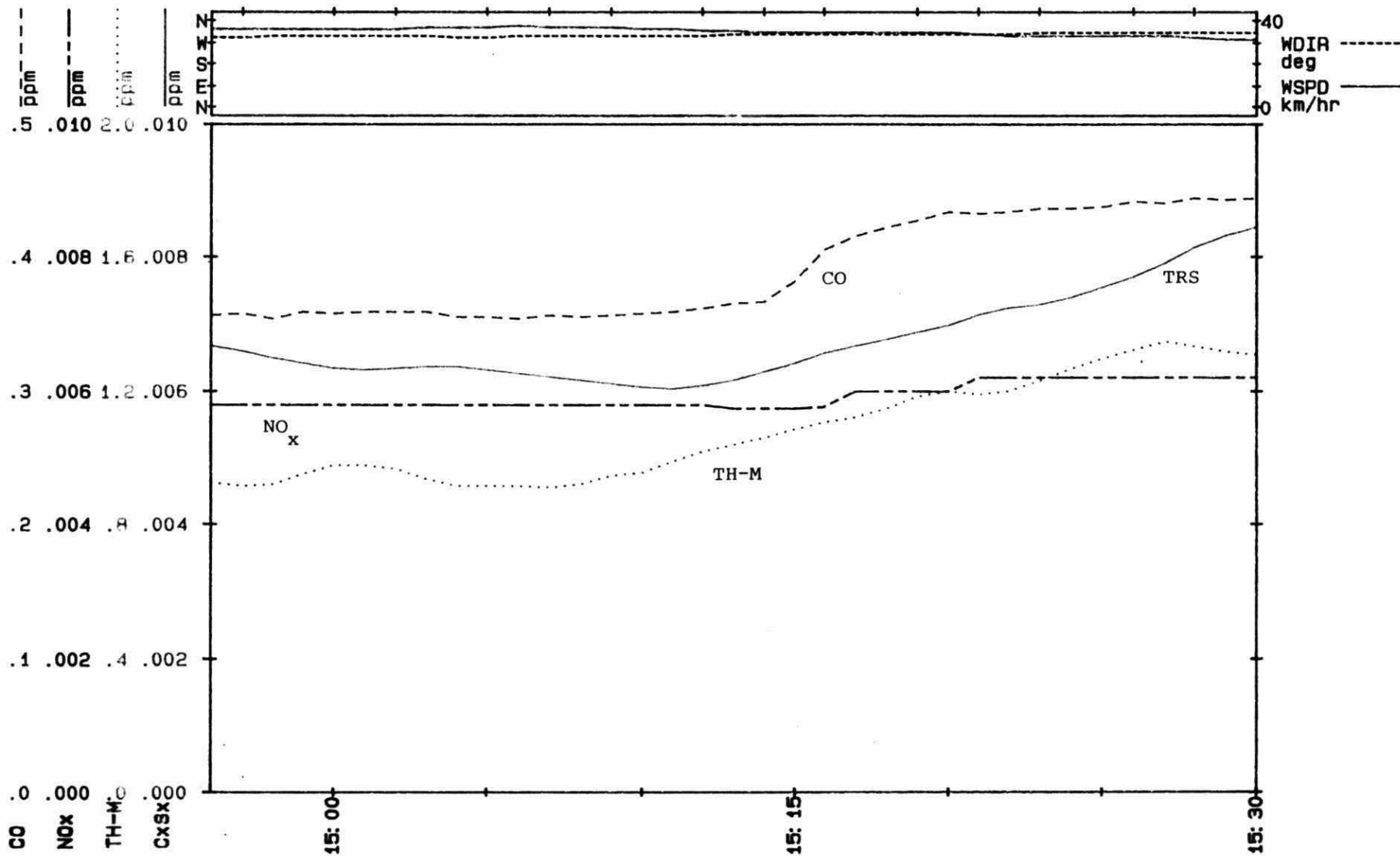
Percent Valid Data Required for Valid Average: 90.0 %

Averaging Started at Nearest: .0 min

# DRYDEN\_85: A194

Start: 85/07/19 14:26 Scan: 60 sec. Ave: 30.00 min.  
 Loc: From surface of lagoon near main dock area..funnel & hose..CxSx

.069		.065		.068		.068		.071		.070		.072		.072		.071		.069		.067		.068		.070		.071		SRAD	W/cm^2
24	55	24	55	24	55	24	55	24	55	24	55	24	54	25	54	25	53	25	53	25	53	25	52	25	52	25	52	TEMP	d C
1017		1017		1017		1017		1017		1017		1017		1017		1017		1017		1017		1016		1016		1016		HUM	%-rel
1017		1017		1017		1017		1017		1017		1017		1017		1017		1017		1017		1016		1016		1016		BAR	mbar-msl



DRYDEN\_B5 : A195

Start: 85/07/19 15:41 Scan: 60 sec  
 Average: 30.00 min Report: 10.00 min  
 Loc: At corner of clarifier road and Olson's Landing Road..dwwd of lagoon

Time	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
15:41-16:11	1.2 1017.0	.014 35.	1.65 304.	.41	1.12	nd	nd	nd	.066	25.6
15:51-16:21	1.2 1016.9	.016 39.	1.65 299.	.42	1.13	nd	nd	nd	.061	25.5
16:01-16:31	1.4 1016.9	.019 39.	1.69 299.	.43	1.14	nd	nd	nd	.059	25.5
16:11-16:41	.8 1016.8	.019 39.	1.71 302.	.43	1.17	nd	nd	nd	.057	25.5
16:21-16:51	.8 1016.7	.022 39.	1.76 302.	.46	1.19	nd	nd	nd	.058	25.6
16:31-17:01	.5 1016.5	.022 40.	1.77 303.	.46	1.19	nd	nd	nd	.056	25.6
16:41-17:11	.4 1016.3	.024 40.	1.77 302.	.47	1.19	nd	nd	nd	.049	25.3
16:51-17:21	.5 1016.2	.024 37.	1.83 304.	.51	1.20	nd	nd	nd	.042	25.2

Statistics	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
Units	ppm mbar-msl	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	ppm	W/cm^2	d C
Arith. Mean	.77 1016.6	.0201 -	1.735 -	.456	1.166	.007	.005	.006	.0551	25.4
Std. Dev.	1.10 .3	.0063 -	.157 -	.114	.054	.004	.000	.003	.0131	.3
Geo. Mean	.48 -	.0190 -	1.729 -	.443	1.165	.006	.005	.006	-	-
Geo.Std.Dev	2.33 -	1.4038 -	1.092 -	1.271	1.046	1.466	1.000	1.414	-	-
Min Reading	.05 1016.0	.0005 22.7	1.409 274.2	.244	1.048	.005	.005	.005	.0172	24.7
Max Reading	6.30 1017.2	.0345 53.2	2.234 326.9	.936	1.312	.025	.005	.017	.0695	26.1
Min Average	.42 1016.2	.0144 34.7	1.651 298.9	.414	1.125	.005	.005	.005	.0422	25.2
Max Average	1.37 1017.0	.0244 40.4	1.826 304.4	.513	1.201	.007	.005	.007	.0657	25.6
# Valid Rds	100. 100.	100. 100.	100. 100.	100.	100.	100.	100.	100.	100.	100.

- Invalid Data / Not Calculated  
 nd Average is less than Min. Detectable Level  
 m One or more readings Missing

Percent Valid Data Required for Valid Average: 90.0 %  
 Averaging Started at Nearest: .0 min

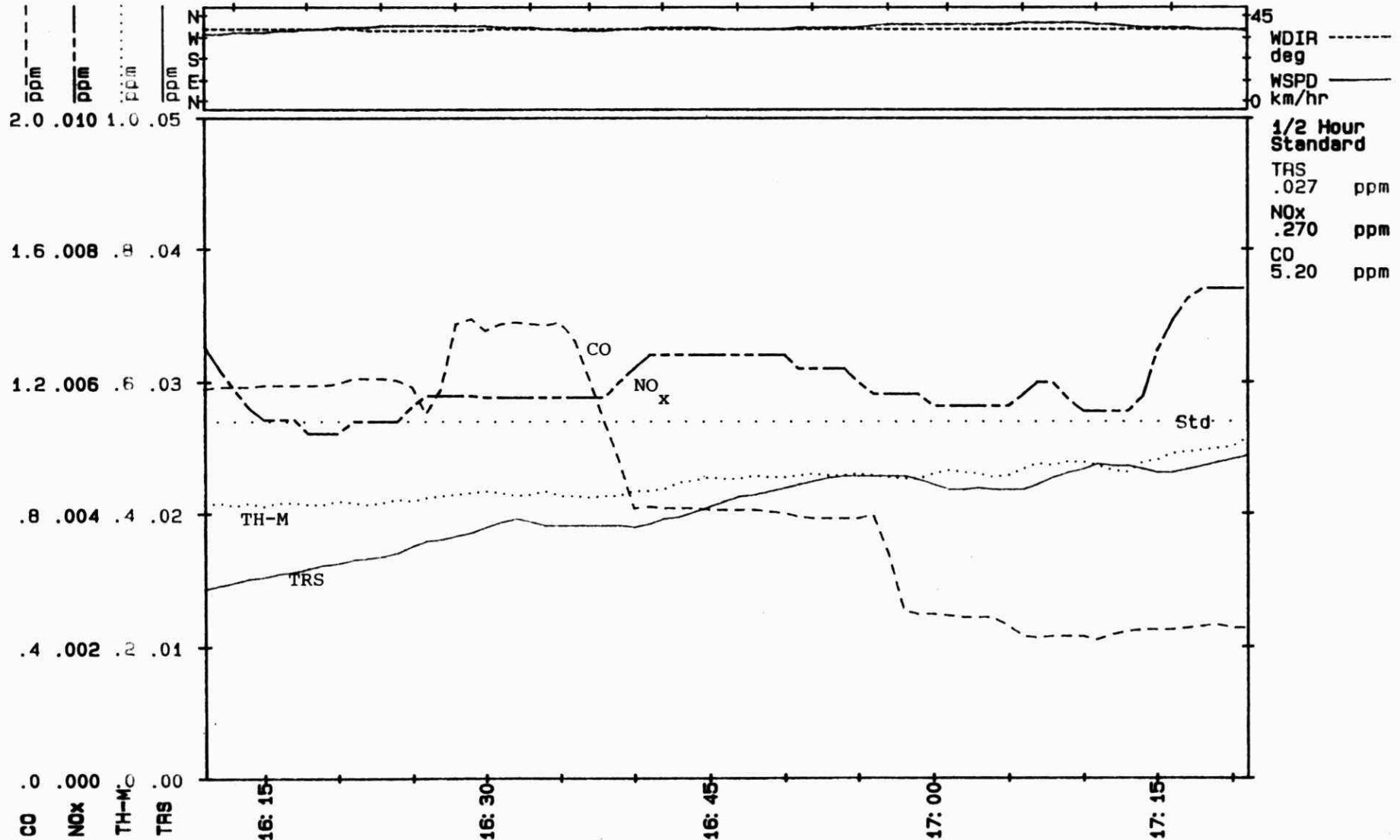


# DRYDEN\_85: A195

Start: 85/07/19 15:41 Scan: 60 sec. Ave: 30.00 min.  
 Loc: At corner of clarifier road and Olson's Landing Road..dwd of lagoon

.065	.062	.061	.060	.059	.058	.057	.057	.058	.058	.056	.052	.049	.045
26	26	25	25	25	26	26	26	26	26	26	25	25	25
49	49	49	49	49	49	49	49	49	49	50	50	50	51
1017	1017	1017	1017	1017	1017	1017	1017	1017	1017	1016	1016	1016	1016

SRAD	W/cm^2
TEMP	d C
HUM	%-rel
BAR	mbar-msl



DRYDEN\_05 : A196

Start: 85/07/19 17:36 Scan: 60 sec  
 Average: 30.00 min Report: 10.00 min  
 Loc: Dryden Community Arena and Pool..just east of Earl Avenue

Time	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
17:36-18:06	1.1 1016.0	.037 18.	2.07 266.	.87	1.12	.05	.02	.03	.036	25.4
17:46-18:16	1.3 1016.7	.034 17.	1.93 284.	.73	1.12	.04	.01	.02	.036	25.7
17:56-18:26	1.1 1016.6	.018 18.	1.50 294.	.29	1.09	.02	nd	.02	.034	25.9
18:06-18:36	.9 1016.4	.008 21.	1.41 293.	.20	1.08	.02	nd	.01	.033	25.8

Statistics	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
Units	ppm mbar-msl	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	ppm	W/cm^2	d C
Arith. Mean	.98 1016.6	.0226 -	1.729 -	.526	1.102	.034	.012	.022	.0344	25.6
Std. Dev.	.91 .3	.0236 -	.532 -	.544	.037	.022	.009	.014	.0000	.4
Geo. Mean	.72 -	.0125 -	1.664 -	.311	1.101	.029	.009	.019	-	-
Geo.Std.Dev	2.28 -	3.1676 -	1.305 -	2.961	1.034	1.776	2.053	1.723	-	-
Min Reading	.05 1016.1	.0022 7.9	1.246 238.2	.050	1.056	.012	.005	.005	.0132	24.7
Max Reading	5.97 1017.0	.0671 33.3	3.683 315.1	2.576	1.206	.095	.032	.063	.0505	26.1
Min Average	.86 1016.4	.0083 16.8	1.408 265.9	.199	1.083	.019	.006	.013	.0334	25.4
Max Average	1.31 1016.8	.0375 21.0	2.065 294.3	.869	1.122	.050	.018	.031	.0356	25.9
# Valid Rds	61. 61.	61. 61.	61. 61.	61.	61.	61.	61.	61.	61.	61.

- Invalid Data / Not Calculated

nd Average is less than Min. Detectable Level

m One or more readings Missing

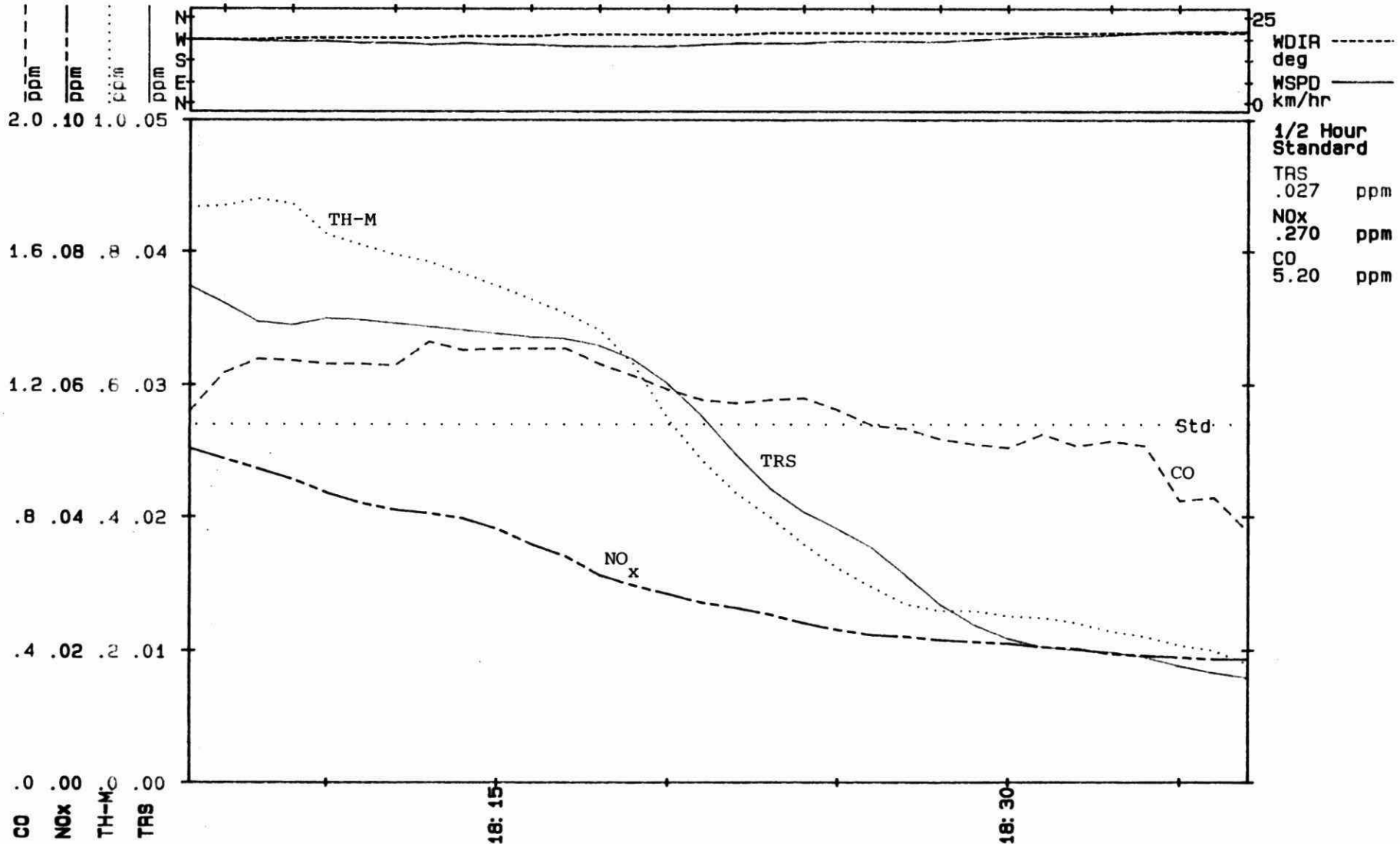
Percent Valid Data Required for Valid Average: 90.0 %

Averaging Started at Nearest: .0 min

# DRYDEN\_85: A196

Start: 85/07/19 17:36 Scan: 60 sec. Ave: 30.00 min.  
 Loc: Dryden Community Arena and Pool...just east of Earl Avenue

.035		.035		.036		.036		.036		.035		.034		.034		.034		.033		.034		.035		.034		SRAD	W/cm^2		
25	25	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	TEMP	d C		
51	50	50	49	49	49	49	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	HUM	%-rel	
1017	1017	1017	1017	1017	1017	1017	1017	1017	1017	1017	1017	1017	1017	1017	1017	1017	1017	1017	1017	1017	1017	1016	1016	1016	1016	1016	1016	BAR	mbar-msl



DRYDEN\_85 : A197

Start: 85/07/19 18:50 Scan: 300 sec  
 Average: 30.00 min Report: 15.00 min  
 Loc: Overnight monitoring at the MNR building

Time	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
18:50-19:20	.4 1016.7	nd 22.	1.33 276.	.19	1.03	.01	nd	nd	.023	25.6
19:05-19:35	.4 1016.6	.002 17.	1.40 275.	.26	1.02	nd	nd	nd	.014	24.6
19:20-19:50	.6 1016.6	.005 12.	1.44 269.	.30	1.04	nd	nd	nd	.010	23.9
19:35-20:05	.6 1016.6	.004 10.	1.40 262.	.25	1.04	.01	nd	nd	.011	24.0
19:50-20:20	.5 1016.5	nd 11.	1.37 258.	.23	1.03	.02	nd	nd	.007	23.8
20:05-20:35	.4 1016.1	nd 12.	1.43 255.	.24	1.07	.02	nd	nd	.005	23.4
20:20-20:50	.4 1015.8	nd 12.	1.54 258.	.28	1.14	.02	nd	nd	.002	22.8
20:35-21:05	.6 1015.7	nd 11.	1.65 260.	.35	1.18	.02	.01	nd	.000	22.0
20:50-21:20	.8 1015.7	.006 11.	1.81 252.	.52	1.17	.03	.02	nd	.000	21.6
21:05-21:35	.7 1015.9	.013 15.	1.83 245.	.62	1.12	.04	.02	.01	.000	21.6
21:20-21:50	.5 1016.3	.009 17.	1.66 246.	.43	1.12	.02	.01	nd	.000	21.5
21:35-22:05	.5 1016.5	.006 13.	1.68 247.	.44	1.13	.03	.02	nd	.000	21.3
21:50-22:20	.5 1016.6	.006 10.	1.61 287.	.39	1.10	.03	.02	nd	.000	20.9
22:05-22:35	.3 1016.6	.002 10.	1.34 319.	.12	1.07	nd	nd	nd	.000	19.8
22:20-22:50	.3 1016.6	nd 4.	1.28 336.	.10	1.05	nd	nd	nd	.000	18.7
22:35-23:05	.3 1016.6	nd 1.	1.30 339.	.12	1.05	nd	nd	nd	.000	18.1

Time	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
22:50-23:20	.3 1016.6	nd 0.	1.34 144.	.16	1.06	nd	nd	nd	.000	17.6
23:05-23:35	.3 1016.6	nd 0.	1.35 129.	.17	1.06	nd	nd	nd	.000	17.4
23:20-23:50	.3 1016.6	nd 0.	1.34 111.	.15	1.07	nd	nd	nd	.000	17.2
23:35-00:05	.3 1016.6	nd 0.	1.36 121.	.16	1.08	.02	.01	nd	.000	16.9
23:50-00:20	.3 1016.6	nd 0.	1.40 130.	.18	1.09	.02	.01	nd	.000	16.8
05/07/20 00:05-00:35	.3 1016.7	nd 0.	1.41 97.	.17	1.11	.02	.01	nd	.000	16.8
00:20-00:50	.3 1017.1	nd 0.	1.37 85.	.12	1.11	.01	nd	nd	.000	16.7
00:35-01:05	.3 1017.5	nd 1.	1.35 280.	nd	1.11	.01	nd	nd	.000	16.8
00:50-01:20	.3 1017.7	nd 5.	1.33 291.	nd	1.11	nd	nd	nd	.000	16.8
01:05-01:35	.3 1018.2	nd 10.	1.30 301.	nd	1.10	nd	nd	nd	.000	16.6
01:20-01:50	.3 1018.7	nd 10.	1.30 295.	nd	1.10	nd	nd	nd	.000	16.7
01:35-02:05	.3 1019.2	nd 10.	1.33 275.	nd	1.11	.01	nd	nd	.000	17.1
01:50-02:20	.3 1019.6	.003 11.	1.34 273.	nd	1.12	.01	nd	nd	.000	17.1
02:05-02:35	.2 1019.6	.003 13.	1.31 279.	nd	1.11	nd	nd	nd	.000	16.8
02:20-02:50	.2 1019.6	nd 12.	1.30 286.	nd	1.11	nd	nd	nd	.000	16.5
02:35-03:05	.2 1019.6	nd 6.	1.31 297.	nd	1.11	nd	nd	nd	.000	16.2
02:50-03:20	.2 1019.7	nd 2.	1.33 318.	nd	1.12	nd	nd	nd	.000	15.9

Time	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
03:05-03:35	.2 1020.1	nd 3.	1.34 305.	nd	1.13	nd	nd	nd	.000	15.7
03:20-03:50	.2 1020.5	nd 4.	1.34 303.	nd	1.13	nd	nd	nd	.000	15.5
03:35-04:05	.2 1020.6	nd 3.	1.35 306.	nd	1.13	nd	nd	nd	.000	15.2
03:50-04:20	.2 1020.6	nd 7.	1.34 314.	nd	1.13	nd	nd	nd	.000	14.8
04:05-04:35	.2 1020.6	nd 10.	1.31 320.	nd	1.13	nd	nd	nd	.000	14.3
04:20-04:50	.2 1020.6	nd 5.	1.30 325.	nd	1.13	nd	nd	nd	.000	13.5
04:35-05:05	.2 1020.6	nd 1.	1.29 319.	nd	1.12	nd	nd	nd	.000	12.8
04:50-05:20	.2 1020.6	nd 0.	1.27 122.	nd	1.11	nd	nd	nd	.000	12.4
05:05-05:35	.2 1020.7	nd 0.	1.28 309.	nd	1.11	nd	nd	nd	.000	12.1
05:20-05:50	.2 1021.1	nd 0.	1.29 317.	nd	1.12	nd	nd	nd	.000	12.0
05:35-06:05	.2 1021.6	nd 0.	1.31 102.	nd	1.12	nd	.01	nd	.002	12.5
05:50-06:20	.2 1021.6	nd 0.	1.35 120.	nd	1.13	nd	nd	nd	.004	13.2
06:05-06:35	.2 1021.6	nd 0.	1.40 310.	.11	1.15	nd	.01	nd	.007	13.8
06:20-06:50	.2 1021.6	nd 1.	1.36 297.	nd	1.14	nd	.01	nd	.010	14.3
06:35-07:05	.2 1021.9	nd 3.	1.29 291.	nd	1.12	nd	nd	nd	.014	14.4
06:50-07:20	.2 1022.3	nd 6.	1.27 289.	nd	1.12	nd	nd	nd	.017	14.5
07:05-07:35	.2 1022.6	nd 9.	1.27 294.	nd	1.11	nd	nd	nd	.021	15.2

Time	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
07:20-07:50	.2 1022.6	nd 12.	1.26 297.	nd	1.10	nd	nd	nd	.025	15.7
07:35-08:05	.2 1022.6	nd 13.	1.26 299.	nd	1.10	nd	nd	nd	.029	16.1
07:50-08:20	.2 1022.6	nd 14.	1.28 304.	nd	1.10	nd	nd	nd	.033	16.4



Statistics	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
Units	ppm mbar-msl	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	ppm	W/cm^2	d C
Arith. Mean	.31 1019.8	.0019 -	1.376 -	.144	1.102	.010	.008	.005	.0051	17.5
Std. Dev.	.19 2.3	.0032 -	.148 -	.156	.040	.010	.006	.002	.0094	3.6
Geo. Mean	.27 -	.0013 -	1.369 -	.099	1.101	.008	.007	.005	-	-
Geo.Std.Dev	1.56 -	1.9401 -	1.101 -	2.236	1.037	1.074	1.648	1.265	-	-
Min Reading	.05 1015.7	.0010 .0	1.244 77.8	.050	1.015	.005	.005	.005	.0000	11.7
Max Reading	1.53 1022.6	.0254 32.1	2.100 340.1	.953	1.246	.073	.051	.022	.0378	25.8
Min Average	.16 1015.7	.0010 .0	1.261 84.9	.050	1.025	.005	.005	.005	.0000	12.0
Max Average	.78 1022.6	.0126 21.6	1.830 339.4	.620	1.179	.036	.022	.012	.0332	25.6
# Valid Rdgs	163. 163.	163. 163.	163. 163.	163.	163.	163.	163.	163.	163.	163.

- Invalid Data / Not Calculated

nd Average is less than Min. Detectable Level

m One or more readings Missing

Percent Valid Data Required for Valid Average: 90.0 %

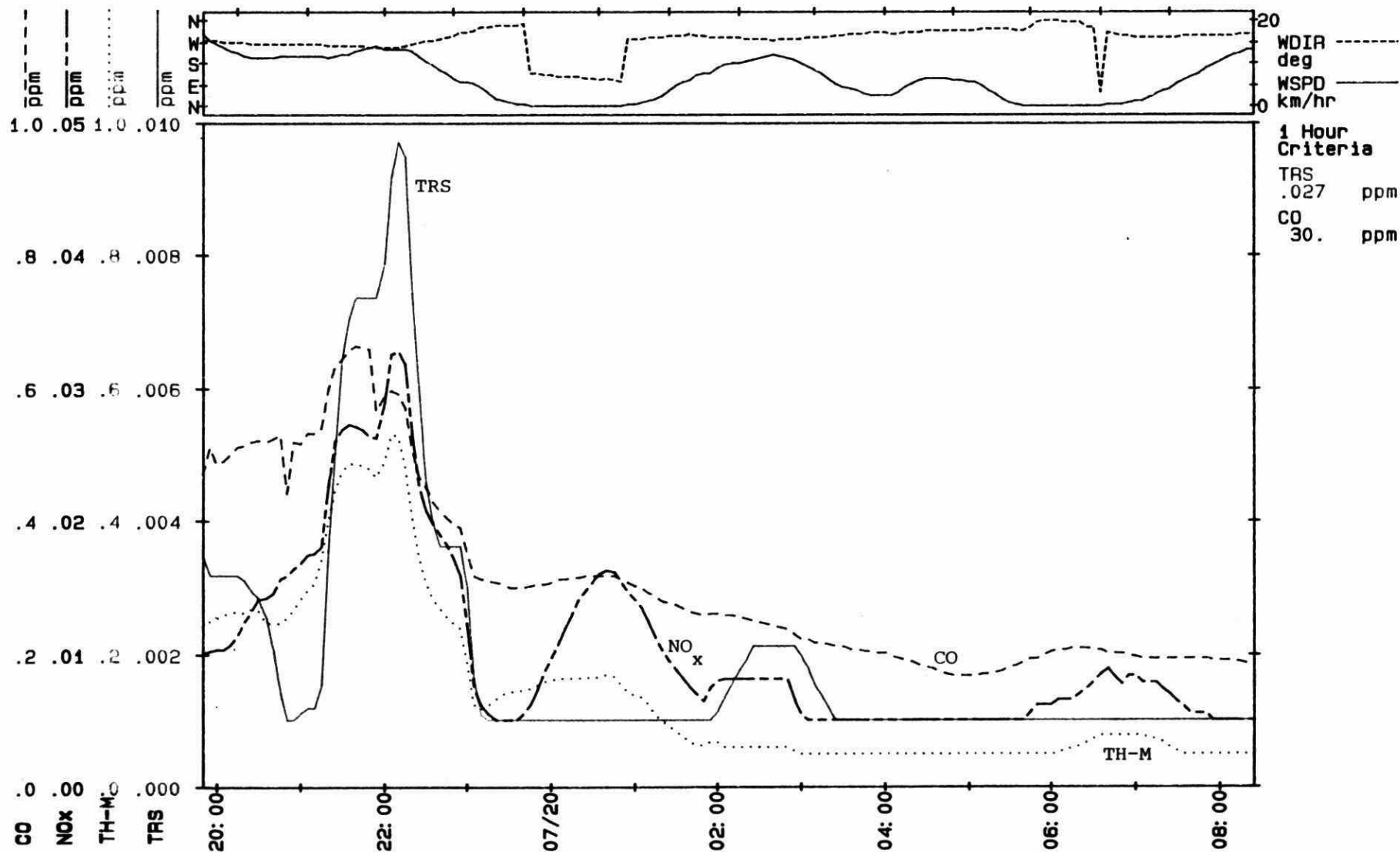
Averaging Started at Nearest: .0 min

# DRYDEN\_85: A197

Start: 85/07/19 18:50 Scan: 300 sec. Ave: 60.00 min.

Loc: Overnight monitoring at the MNR building

														SRAD	W/cm^2
														TEMP	d C
														HUM	%-rel
														BAR	mbar-msl
.010	.002	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.004	.015		
24	23	21	20	18	17	17	17	16	16	14	12	13	15		
56	60	63	71	82	87	87	84	87	92	--	--	--	--		
1017	1016	1016	1017	1017	1017	1018	1019	1020	1020	1021	1021	1022	1022		



## DRYDEN SURVEY-85

MONITORING PERIOD	A192	A193	A193	A194	A195	A195	A196	MANU#1 JULY 19/85
TIME PERIOD	1152-1222 1312-1322	1352-1422	1452-1522	1552-1622	1652-1722	1752-1822		
PROPANE							2.56	
PROPADIENE								
PROPYNE								
CHLOROMETHANE								
CYCLOPROPANE		43.91		0.11				
2-METHYLPROPANE								
CHLOROETHENE								
1-BUTENE	1.49							
1,3-BUTADIENE								
BUTANE			6.47	2.42	2.69	3.36	5.42	
1-BUTYNE								
CHLOROETHANE								
3-METHYL-1-BUTENE								
2-METHYLBUTANE		23.40		1.62	1.69	2.67	4.28	
1-PENTENE								
PENTANE	1.46	5.15	3.14	0.96	1.09	2.70	3.10	
2-METHYL-1,3-BUTADIENE				3.78	3.78	4.39	5.02	
TRANS-2-PENTENE **				0.62				
CIS-2-PENTENE **				1.48				
DICHLOROMETHANE								
2-METHYL-2-BUTENE								
3-CHLOROPROPENE								
2,2-DIMETHYLBUTANE								
4-METHYL-1-PENTENE								
3-METHYL-1-PENTENE								
CYCLOPENTANE								
2,3-DIMETHYLBUTANE		2.32						
2-METHYLPENTANE	0.37	8.89	1.90		0.99	0.99	1.12	
3-METHYLPENTANE	0.17	4.69	0.81					
1-HEXENE								
CIS-1,2-DICHLOROETHENE								
2-CHLOROBUTANE								
HEXANE	0.85	7.73	2.18		0.89	0.92	0.87	
TRICHLOROMETHANE	18.95	195.51	116.65	19.04	18.49	41.61	9.63	
TRANS-3-HEXENE				0.14				
3-CHLORO-2-METHYLPROPENE					19.07	9.78	9.81	
METHYLCYCLOPENTANE		3.94	0.61					
1,2-DICHLOROETHANE								
1,1,1-TRICHLOROETHANE		18.06						
1-CHLOROBUTANE								
BENZENE	7.78	32.84	19.28	4.25	4.17	3.84	4.07	
TETRACHLOROMETHANE								
CYCLOHEXANE								
2-METHYLHEXANE								
2,3-DIMETHYLPENTANE	0.29		1.66			1.01	1.03	
CYCLOHEXENE								
3-METHYLHEXANE	0.15	4.05	0.74					
1,2-DICHLOROPROPANE								
2,3-DICHLOROPROPENE								
TRICHLOROETHENE								
2,2,4-TRIMETHYLPENTANE	0.18	6.30	0.97			0.74	0.93	

1-HEPTENE							
HEPTANE	0.29	4.52	0.87				
1-CHLORO-3-METHYLBUTANE							
TRANS-2-HEPTENE							
METHYLCYCLOHEXANE		2.56					
4-METHYLCYCLOHEXENE							
2,5-DIMETHYLHEXANE	0.10	1.26					
1-CHLOROPENTANE							
1,1,2-TRICHLOROETHANE							
TOLUENE	1.62	5.03	3.30	0.86	1.02	1.68	1.56
1,3-DICHLOROPROPANE							
2-METHYLHEPTANE	0.18		0.51				
4-METHYLHEPTANE	0.19	2.30	0.53				
3-METHYLHEPTANE							
1,2-DIBROMOETHANE							
1-OCTENE							
TRANS12DIMETHYLCYCLOHEXANE							
TRANS-4-OCTENE							
TETRACHLOROETHENE							
OCTANE	0.32	2.33	0.93				
2-METHYL-1-HEPTENE							
2-OCTENE							
CIS12DIMETHYLCYCLOHEXANE							
CHLOROBENZENE		7.15	4.00				
ETHYLCYCLOHEXANE **				0.49			
PROPYLCYCLOPENTANE **							
1-CHLOROHEXANE							
ETHYLBENZENE	0.85						
M-XYLENE	1.44					1.67	
4-METHYLOCTANE							
2-METHYLOCTANE				0.26			
STYRENE	1.29						
1,4-DICHLOROBUTANE							
O-XYLENE	0.46		0.46	0.25			
1,1,1,2-TETRACHLOROETHANE							
1,2,3-TRICHLOROPROPANE							
1-NONENE							
NONANE	0.19						
ISOPROPYLBENZENE							
2-CHLORTOLUENE							
3-CHLORTOLUENE							
N-PROPYLBENZENE							
4-CHLORTOLUENE							
3-ETHYLTOLUENE	0.54		0.49	0.61			
4-ETHYLTOLUENE							
1,3,5-TRIMETHYLBENZENE		1.40	0.64	0.69			
2-ETHYLTOLUENE							
tert-BUTYLBENZENE **	0.68	1.81	1.00	0.38			
1,2,4-TRIMETHYLBENZENE **				0.66			
1,3-DICHLOROBENZENE							
1-DECENE							
(CHLOROMETHYL) BENZENE							
1,5-DICHLOROPENTANE							
DECANE	0.41	1.98	1.30	0.41			
SEC-BUTYLBENZENE							
3-(CHLOROMETHYL) HEPTANE							
1,2,3-TRIMETHYLBENZENE	0.24						
ISOPROPYL4METHYLBENZENE	20.78	62.17	69.40	17.96	22.49	29.11	21.74
1,2-DICHLOROBENZENE							
INDAN							
N-BUTYLCYCLOHEXANE							
1,3-DIETHYLBENZENE							
1,4-DIETHYLBENZENE **							
N-BUTYLBENZENE **							
1,2-DIETHYLBENZENE							
UNDECANE	0.29		1.43	0.56			

DECAHYDRONAPHTHALENE	0.41		2.77	1.17	1.39	1.76	1.52
1235-TETRAMETHYLBENZENE				0.50			
1234-TETRAMETHYLBENZENE							
1234-TETRAHYDRONAPHTHALENE							
DIISOPROPYLBENZENE							
DODECANE	0.53	4.96	4.30				

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Total Compounds Identified	28.00	22.00	27.00	23.00	12.00	14.00	16.00
Total # of Peaks	67.00	62.00	72.00	108.00	27.00	30.00	33.00
Total Area of Peaks	2156.85	1165.30	2166.06	3166.24	2262.69	1858.09	3812.75
Area of Identified Peaks	1130.02	551.59	1168.72	1535.35	590.09	779.00	1015.67
Area % Identified Peaks	52.39	47.33	53.96	48.49	26.08	41.92	26.64

Total hydrocarbons ug/m3:	62.50	454.26	246.34	59.22	77.76	104.56	74.33
Alkanes ug/m3	5.65	77.55	26.81	6.23	7.35	12.39	16.75
Cycloalkanes ug/m3	0.00	50.41	0.61	0.60	0.00	0.00	0.00
Alkenes ug/m3	1.81	2.33	0.93	6.02	3.78	4.39	5.02
Cycloalkenes ug/m3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alkynes ug/m3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aromatics ug/m3	36.09	103.25	97.34	27.33	29.07	36.39	30.56
Chlorinated alkanes ug/m3	18.95	213.57	116.65	19.04	18.49	41.61	9.63
Chlorinated alkenes ug/m3	0.00	0.00	0.00	0.00	19.07	9.78	9.81
Chlorinated aromatics ug/m3	0.00	7.15	4.00	0.00	0.00	0.00	0.00

Toluene:Ethylbenzene	1.91
Benzene:Ethylbenzene	9.15
Xylenes:Ethylbenzene	2.24
Ethylbenzene:Ethylbenzene	1.00
Ethylbenzene:Ethylbenzene	1.00

\*\*-AMBIGUOUS IDENTIFICATION ON BOTH COLUMNS

DRYDEN\_05 : A201

Start: 05/07/20 10:47 Scan: 60 sec  
 Average: 30.00 min Report: 10.00 min  
 Loc: Dryden Community Arena and Pool...just east of Earl Avenue

Time	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
10:47-11:17	- 1018.6	.007 14.	1.48 291.	.20	1.15	.03	.02	.01	.075	21.3
10:57-11:27	- 1018.5	.006 15.	1.47 291.	.18	1.16	.04	.02	.02	.076	20.9
11:07-11:37	- 1018.5	.002 15.	1.41 295.	.13	1.15	.03	.01	.02	.077	21.1
11:17-11:47	- 1018.4	.004 15.	1.39 295.	.11	1.15	.04	.02	.02	.079	21.2
11:27-11:57	- 1018.3	.008 15.	1.44 294.	.17	1.14	.03	.02	.02	.080	21.7
11:37-12:07	- 1018.2	.008 17.	1.43 297.	.17	1.13	.03	.01	.01	.081	22.1
11:47-12:17	- 1018.1	.006 15.	1.46 292.	.20	1.12	.03	.02	.02	.082	22.4
11:57-12:27	- 1017.9	.004 15.	1.43 291.	.17	1.13	.03	.01	.01	.083	22.6
12:07-12:37	- 1017.7	.004 13.	1.45 289.	.19	1.13	.03	.02	.01	.084	22.9
12:17-12:47	- 1017.6	.007 14.	1.48 288.	.22	1.13	.04	.02	.02	.084	23.0
12:27-12:57	- 1017.5	.006 14.	1.53 272.	.28	1.13	.05	.02	.03	.085	23.0
12:37-13:07	- 1017.4	.008 17.	1.58 259.	.33	1.12	.06	.03	.04	.086	22.7
12:47-13:17	- 1017.3	.006 17.	1.56 261.	.32	1.12	.08	.03	.05	.085	22.8
12:57-13:27	- 1017.1	.006 17.	1.57 263.	.34	1.11	.07	.03	.04	.084	22.9
13:07-13:37	- 1016.8	.007 15.	1.53 270.	.30	1.11	.07	.03	.04	.078	22.9
13:17-13:47	- 1016.6	.006 14.	1.51 277.	.27	1.11	.05	.02	.03	.077	23.2

Time	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
13:27-13:57	- 1016.5	.008 14.	1.50 278.	.27	1.11	.05	.02	.03	.075	23.2

Statistics	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
Units	ppm mbar-psi	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	ppm	W/cm^2	d C
Arith. Mean	- 1017.6	.0068 -	1.479 -	.225	1.129	.044	.019	.024	.0903	22.4
Std. Dev.	- .8	.0075 -	.217 -	.223	.025	.030	.011	.021	.0052	.9
Geo. Mean	- -	.0038 -	1.466 -	.149	1.128	.035	.015	.017	-	-
Geo. Std. Dev.	- -	3.0488 -	1.139 -	2.509	1.022	1.960	1.943	2.441	-	-
Min Reading	- 1016.1	.0010 .9	1.239 288.3	.050	1.075	.005	.005	.005	.0639	19.7
Max Reading	- 1018.7	.0392 31.5	2.787 336.7	1.610	1.206	.162	.052	.110	.0943	24.2
Min Average	- 1016.5	.0021 13.3	1.385 259.1	.109	1.111	.030	.014	.013	.0750	20.9
Max Average	- 1019.6	.0082 17.4	1.575 296.6	.335	1.158	.077	.028	.048	.0859	23.2
# Valid Rds	2. 199.	199. 199.	199. 199.	199.	199.	199.	199.	199.	199.	199.

- Invalid Data / Not Calculated  
 nd Average is less than Min. Detectable Level  
 m One or more readings Missing

Percent Valid Data Required for Valid Average: 90.0 %  
 Averaging Started at Nearest: .0 min





DRYDEN\_85 : A202

Start: 85/07/20 16:03 Scan: 300 sec  
Average: 30.02 min Report: 15.00 min  
Loc: Overnight monitoring at the MNR building

Time	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
16:03-16:33	- 1016.2	nd 20.	1.19 291.	nd	1.03	nd	nd	nd	.032	21.3
16:18-16:48	- 1015.9	nd 19.	1.18 286.	nd	1.02	nd	nd	nd	.046	21.5
16:33-17:03	- 1015.5	nd 18.	1.17 292.	nd	1.01	nd	nd	nd	.059	22.4
16:48-17:18	- 1015.2	nd 18.	1.16 294.	nd	1.00	nd	nd	nd	.055	22.8
17:03-17:33	- 1015.2	nd 20.	1.17 286.	nd	1.01	nd	nd	nd	.049	22.6
17:18-17:48	- 1015.2	nd 23.	1.18 276.	nd	1.01	nd	.01	nd	.042	22.0
17:33-18:03	- 1015.1	nd 24.	1.18 269.	nd	1.01	nd	.01	nd	.035	21.7
17:48-18:18	- 1014.7	nd 24.	1.20 267.	nd	1.01	nd	.01	nd	.028	21.4
18:03-18:33	- 1014.4	nd 24.	1.21 267.	nd	1.01	.01	.01	nd	.026	21.3
18:18-18:48	- 1014.2	nd 23.	1.20 267.	nd	1.02	.01	.01	nd	.024	21.1
18:33-19:03	- 1014.2	nd 20.	1.21 264.	nd	1.02	.01	.01	nd	.018	20.7
18:48-19:18	- 1014.1	nd 17.	1.22 265.	nd	1.02	.01	.01	nd	.016	20.6
19:03-19:33	- 1013.6	nd 14.	1.23 266.	nd	1.03	.01	.01	nd	.013	20.3
19:18-19:48	- 1013.2	nd 14.	1.24 267.	nd	1.03	.01	.01	nd	.011	20.0
19:33-20:03	- 1013.2	nd 13.	1.27 265.	nd	1.04	.01	.02	nd	.010	19.9
19:48-20:18	- 1013.2	nd 11.	1.29 264.	.11	1.05	.02	.02	nd	.009	19.8

Time	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
20:03-20:33	- 1013.2	nd 11.	1.28 268.	.10	1.05	.02	.02	nd	.006	19.5
20:18-20:48	- 1013.2	nd 11.	1.29 267.	nd	1.06	.01	.01	nd	.003	18.9
20:33-21:03	- 1013.2	nd 12.	1.42 263.	.15	1.13	.01	.01	nd	.001	18.4
20:48-21:18	- 1013.2	nd 14.	1.61 263.	.23	1.24	.01	.01	nd	.000	17.9
21:03-21:33	- 1013.2	.002 14.	1.68 264.	.25	1.28	.01	.01	nd	.000	17.5
21:18-21:48	- 1013.2	nd 15.	1.70 262.	.25	1.30	.01	.01	nd	.000	17.1
21:33-22:03	- 1013.2	nd 15.	1.68 258.	.23	1.30	.02	.01	nd	.000	16.7
21:48-22:18	- 1013.2	nd 15.	1.59 254.	.20	1.25	.02	.02	nd	.000	16.2
22:03-22:33	- 1013.2	nd 14.	1.52 255.	.17	1.21	.02	.02	nd	.000	16.0
22:18-22:48	- 1013.2	nd 9.	1.48 264.	.15	1.19	.02	.02	nd	.000	15.4
22:33-23:03	- 1013.2	.006 3.	1.46 288.	.13	1.18	nd	.01	nd	.000	13.7
22:48-23:18	- 1013.2	.009 0.	1.41 303.	nd	1.17	nd	.01	nd	.000	12.2
23:03-23:33	- 1013.2	.004 0.	1.39 150.	nd	1.16	.01	.01	nd	.000	11.4
23:18-23:48	- 1013.2	nd 0.	1.38 145.	.10	1.14	.02	.02	nd	.000	10.9
23:33-00:03	- 1013.2	nd 0.	1.31 144.	nd	1.12	.02	.02	nd	.000	10.5
23:48-00:18	- 1013.2	nd 0.	1.39 158.	.11	1.15	.02	.02	nd	.000	9.9
05/07/21 00:03-00:33	- 1013.2	nd 0.	1.55 182.	.19	1.22	.03	.02	nd	.000	9.2

Time	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
00:18-00:48	- 1013.3	.004 0.	1.67 159.	.23	1.30	.02	.02	nd	.000	8.8
00:33-01:03	- 1013.4	.006 0.	1.64 135.	.17	1.31	.02	.02	nd	.000	8.5
00:48-01:18	- 1013.8	.003 0.	1.53 145.	nd	1.26	.03	.03	nd	.000	8.4
01:03-01:33	- 1014.1	nd 0.	1.50 149.	nd	1.25	.03	.03	nd	.000	8.4
01:18-01:48	- 1014.2	nd 0.	1.48 160.	nd	1.24	.03	.03	nd	.000	8.7
01:33-02:03	- 1014.2	nd 0.	1.47 281.	nd	1.23	.02	.03	nd	.000	9.2
01:48-02:18	- 1014.2	nd 3.	1.45 278.	nd	1.21	.02	.02	nd	.000	10.0
02:03-02:33	- 1014.2	nd 7.	1.40 276.	nd	1.21	.02	.02	nd	.000	11.2
02:18-02:48	- 1014.2	nd 11.	1.36 271.	nd	1.20	nd	.01	nd	.000	12.5
02:33-03:03	- 1014.2	nd 13.	1.34 264.	nd	1.19	nd	.01	nd	.000	13.3
02:48-03:18	- 1014.2	nd 13.	1.34 262.	nd	1.19	nd	.01	nd	.000	13.2
03:03-03:33	- 1014.2	nd 13.	1.35 261.	nd	1.19	.01	.02	nd	.000	13.2
03:18-03:48	- 1014.2	nd 15.	1.49 257.	nd	1.26	.02	.02	nd	.000	13.3
03:33-04:03	- 1014.2	.004 16.	1.60 258.	.11	1.33	.02	.02	nd	.000	13.4
03:48-04:18	- 1014.2	.011 15.	1.76 260.	.21	1.39	.01	.01	nd	.000	13.2
04:03-04:33	- 1014.2	.009 15.	1.82 267.	.23	1.43	nd	nd	nd	.000	13.0
04:18-04:48	- 1014.1	.007 14.	1.82 268.	.30	1.36	.01	nd	nd	.000	13.2

Time	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
04:33-05:03	- 1014.0	.012 12.	1.82 256.	.42	1.27	.02	.02	nd	.000	13.4
04:48-05:18	- 1014.0	.016 14.	1.69 261.	.34	1.23	.02	.02	nd	.000	13.5
05:03-05:33	- 1014.1	.012 17.	1.48 285.	.17	1.21	nd	nd	nd	.000	13.2
05:18-05:48	- 1014.2	nd 20.	1.30 305.	nd	1.18	nd	nd	nd	.000	12.2
05:33-06:03	- 1014.4	nd 25.	1.29 311.	nd	1.17	nd	nd	nd	.000	11.3
05:48-06:18	- 1014.9	nd 27.	1.29 312.	nd	1.18	nd	nd	nd	.000	10.7
06:03-06:33	- 1015.2	nd 26.	1.29 317.	nd	1.19	nd	nd	nd	.000	10.3
06:18-06:48	- 1015.2	nd 22.	1.28 321.	nd	1.18	nd	nd	nd	.002	10.3
06:33-07:03	- 1015.5	nd 20.	1.28 317.	nd	1.18	nd	nd	nd	.006	10.2
06:48-07:18	- 1015.9	nd 30.	1.29 312.	nd	1.18	nd	nd	nd	.012	10.5
07:03-07:33	- 1016.2	nd 30.	1.28 308.	nd	1.17	nd	nd	nd	.020	11.0
07:18-07:48	- 1016.2	nd 30.	1.27 305.	nd	1.17	nd	nd	nd	.023	11.2
07:33-08:03	- 1016.3	nd 43.	1.27 305.	nd	1.17	nd	.01	nd	.024	11.2
07:48-08:18	- 1016.8	nd 46.	1.26 309.	nd	1.16	nd	nd	nd	.030	11.5

Statistics	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
Units	ppm mbar-msl	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	ppm	W/cm^2	d C
Arith. Mean	- 1014.3	.0025 -	1.395 -	.108	1.165	.013	.014	.005	.0100	14.7
Std. Dev.	- 1.1	.0045 -	.197 -	.104	.111	.008	.007	.001	.0160	4.6
Geo. Mean	- -	.0014 -	1.382 -	.081	1.160	.011	.012	.005	-	-
Geo.Std.Dev	- -	2.2189 -	1.144 -	1.989	1.899	1.912	1.745	1.138	-	-
Min Reading	- 1013.2	.0010 .0	1.146 117.1	.050	1.002	.005	.005	.005	.0000	8.3
Max Reading	- 1017.2	.0329 53.5	2.090 327.0	.764	1.523	.042	.029	.019	.0684	23.4
Min Average	- 1013.2	.0010 .0	1.156 134.8	.050	1.004	.005	.005	.005	.0000	8.4
Max Average	- 1016.8	.0163 45.9	1.820 320.9	.424	1.431	.031	.029	.010	.0593	22.8
# Valid Rds	0. 197.	197. 197.	197. 197.	197.	197.	197.	197.	197.	197.	197.

- Invalid Data / Not Calculated  
 nd Average is less than Min. Detectable Level  
 m One or more readings Missing

Percent Valid Data Required for Valid Average: 90.0 %  
 Averaging Started at Nearest: .0 min



## DRYDEN SURVEY-85

MONITORING PERIOD	A201	A201	A201	A201	MANU#1
TIME	1047-1117	1147-1217	1247-1317	1347-1417	JULY 20/85
PROPANE	3.01	2.49	5.30	1.32	
PROPADIENE					
PROPYNE					
CHLOROMETHANE					
CYCLOPROPANE					
2-METHYLPROPANE	1.17	0.85	0.77	4.19	
CHLOROETHENE					
1-BUTENE					
1,3-BUTADIENE					
BUTANE	7.22	6.04	4.49	7.81	
1-BUTYNE					
CHLOROETHANE					
3-METHYL-1-BUTENE					
2-METHYLBUTANE	5.68	4.71	4.70	11.47	
1-PENTENE					
PENTANE	3.19	2.64	2.90	9.35	
2-METHYL-1,3-BUTADIENE				1.91	
TRANS-2-PENTENE **	0.90			1.52	
CIS-2-PENTENE **	2.38			2.86	
DICHLOROMETHANE					
2-METHYL-2-BUTENE				1.91	
3-CHLOROPROPENE					
2,2-DIMETHYLBUTANE					
4-METHYL-1-PENTENE					
3-METHYL-1-PENTENE					
CYCLOPENTANE				0.77	
2,3-DIMETHYLBUTANE				1.02	
2-METHYLPENTANE	1.48	1.17	1.60	4.61	
3-METHYLPENTANE	0.76		0.80	2.76	
1-HEXENE					
CIS-1,2-DICHLOROETHENE					
2-CHLOROBUTANE					
HEXANE	1.18	0.89	1.36	5.09	
TRICHLOROMETHANE					
TRANS-3-HEXENE					
3-CHLORO-2-METHYLPROPENE					
METHYLCYCLOPENTANE	0.71		0.80	2.89	
1,2-DICHLOROETHANE					
1,1,1-TRICHLOROETHANE					
1-CHLOROBUTANE					
BENZENE	3.50	3.08	3.56	5.32	
TETRACHLOROMETHANE					
CYCLOHEXANE				0.80	
2,3-DIMETHYLPENTANE					
2-METHYLHEXANE	1.48	0.97	1.40	4.95	
CYCLOHEXENE					
3-METHYLHEXANE				1.92	
1,2-DICHLOROPROPANE					
2,3-DICHLOROPROPENE					
TRICHLOROETHENE					
2,2,4-TRIMETHYLPENTANE	1.46	0.90	1.19	3.73	



1-HEPTENE				
HEPTANE	0.71		0.69	2.24
1-CHLORO-3-METHYLBUTANE				
TRANS-2-HEPTENE				
METHYLCYCLOHEXANE				1.36
4-METHYLCYCLOHEXENE				
2,5-DIMETHYLHEXANE				
1-CHLOROPENTANE				
1,1,2-TRICHLOROETHANE				
TOLUENE	2.14	1.87	3.11	7.33
1,3-DICHLOROPROPANE				
2-METHYLHEPTANE				
4-METHYLHEPTANE				0.82
3-METHYLHEPTANE				
1,2-DIBROMOETHANE				
1-OCTENE				
TRANS-1,2-DIMETHYLCYCLOHEXANE				
TRANS-4-OCTENE				
TETRACHLOROETHENE				
2-METHYL-1-HEPTENE				1.15
OCTANE	0.78			
2-OCTENE				
CIS-1,2-DIMETHYLCYCLOHEXANE				
CHLOROBENZENE				
ETHYLCYCLOHEXANE **				
PROPYLCYCLOPENTANE **				
1-CHLOROHEXANE				
ETHYLBENZENE	0.77	0.63	0.73	1.51
m/p-XYLENE	2.34	1.91	2.64	5.22
4-METHYLOCTANE				
2-METHYLOCTANE				
STYRENE				
1,4-DICHLOROBUTANE				
O-XYLENE	0.69	0.51	0.80	1.60
1,1,2,2-TETRACHLOROETHANE				
1,2,3-TRICHLOROPROPANE				
1-NONENE				
NONANE				
ISOPROPYLBENZENE				
2-CHLOROTOLUENE				
3-CHLOROTOLUENE				
PROPYLBENZENE				
4-CHLOROTOLUENE				
3-ETHYLTOLUENE			0.75	1.02
4-ETHYLTOLUENE				
1,3,5-TRIMETHYLBENZENE	1.08	1.19	1.13	1.63
2-ETHYLTOLUENE				
tert-BUTYLBENZENE **				
1,2,4-TRIMETHYLBENZENE **				
1,3-DICHLOROBENZENE				
1-DECENE				
(CHLOROMETHYL) BENZENE				
1,5-DICHLOROPENTANE				
DECANE	0.98	0.73	1.25	0.89
sec-BUTYLBENZENE				
3-(CHLOROMETHYL) HEPTANE				
1,2,3-TRIMETHYLBENZENE				
ISOPROPYL 4-METHYLBENZENE	10.86	22.80	17.77	26.92
1,2-DICHLOROBENZENE				
INDAN	0.74			
BUTYLCYCLOHEXANE				
1,3-DIETHYLBENZENE				
1,4-DIETHYLBENZENE **				
BUTYLBENZENE **				
1,2-DIETHYLBENZENE				
UNDECANE	1.59	1.32	1.47	1.63

DECAHYDRONAPHTHALENE  
 1235-TETRAMETHYLBENZENE  
 1234-TETRAMETHYLBENZENE  
 1234-TETRAHYDRONAPHTHALENE  
 1,4-DIISOPROPYLBENZENE  
 DODECANE

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Total # of compounds identified	24.00	18.00	22.00	32.00
Total # of peaks	35.00	31.00	38.00	50.00
Total area of peaks	2102.19	2440.49	2471.14	4616.45
Area of identified peaks	1514.58	1495.34	1787.03	3761.07
Area % identified peaks	72.05	61.27	72.32	81.47

Total hydrocarbons ug/m3:	56.80	54.70	59.21	129.52
Alkanes ug/m3	27.68	20.22	22.62	62.48
Cycloalkanes ug/m3	0.71	0.00	0.00	5.82
Alkenes ug/m3	3.28	0.00	0.00	9.35
Cycloalkenes ug/m3	0.00	0.00	0.00	0.00
Alkynes ug/m3	0.00	0.00	0.00	0.00
Aromatics ug/m3	22.12	31.99	30.49	50.55
Chlorinated alkanes ug/m3	0.00	0.00	0.00	0.00
Chlorinated alkenes ug/m3	0.00	0.00	0.00	0.00
Chlorinated aromatics ug/m3	0.00	0.00	0.00	0.00

Toluene:Ethylbenzene	2.78	2.97	4.26	4.85
Benzene:Ethylbenzene	4.55	4.89	4.88	3.52
Xylenes:Ethylbenzene	3.94	3.84	4.71	4.52
Ethylbenzene:Ethylbenzene	1.00	1.00	1.00	1.00

\*\*--AMBIGUOUS IDENTIFICATION ON BOTH COLUMNS

DRYDEN\_85 : A211

Start: 85/07/21 10:20 Scan: 60 sec  
 Average: 30.00 min Report: 10.00 min  
 Loc: Public Dock at the corner of Victoria Street & Riverview Drive

Time	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
10:20-10:50	- 1012.8	.008 36.	1.37 328.	.13	1.12	.03	.01	.01	.059	13.5
10:30-11:00	- 1013.1	.005 36.	1.33 323.	nd	1.13	.02	nd	nd	.054	13.3
10:40-11:10	- 1013.1	.003 33.	1.34 311.	nd	1.14	.02	nd	nd	.050	13.2
10:50-11:20	- 1013.2	.008 30.	1.40 316.	.16	1.12	.03	.01	.01	.056	13.5
11:00-11:30	- 1013.2	.011 30.	1.38 333.	.19	1.08	.04	.02	.02	.066	14.2
11:10-11:40	- 1013.3	.014 33.	1.32 347.	.19	1.05	.04	.02	.03	.072	15.0
11:20-11:50	- 1013.3	.010 33.	1.24 351.	.12	1.04	.03	.01	.02	.060	15.2
11:30-12:00	- 1013.4	.009 31.	1.29 345.	.16	1.05	.03	.01	.02	.053	15.0
11:40-12:10	- 1013.4	.012 28.	1.39 338.	.23	1.05	.03	.01	.02	.058	14.9
11:50-12:20	- 1013.5	.025 29.	1.46 335.	.30	1.04	.04	.01	.02	.080	15.2
12:00-12:30	- 1013.5	- 26.	- 326.	-	-	-	-	-	.089	15.5
12:10-12:40	- 1013.6	- 27.	- 322.	-	-	-	-	-	.075	15.5
12:20-12:50	- 1013.5	- 28.	- 315.	-	-	-	-	-	.069	15.1
12:30-13:00	- 1013.4	- 30.	- 323.	-	-	-	-	-	.071	15.3
12:40-13:10	- 1013.4	.005 29.	- 329.	-	-	.03	.01	.01	.084	15.8

Statistics	CO Barom	TRS Wind-Spd	THC Wind-Dir	Non-CH4	Methane	NOx	NO2	NO	SolarRad	Temp
Units	ppm mbar-msl	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	ppm	W/cm^2	d C
Arith. Mean	- 1013.3	.0106 -	1.363 -	.176	1.078	.030	.013	.015	.0671	14.7
Std. Dev.	- .5	.0121 -	.192 -	.196	.059	.016	.008	.011	.0270	1.2
Geo. Mean	- -	.0064 -	1.351 -	.111	1.076	.025	.011	.012	-	-
Geo.Std.Dev	- -	2.8393 -	1.140 -	2.510	1.055	1.771	1.954	2.142	-	-
Min Reading	- 1008.5	.0010 11.1	1.062 .9	.050	1.003	.005	.005	.005	.0129	12.4
Max Reading	- 1013.7	.0604 61.5	2.352 359.4	1.368	1.216	.082	.035	.047	.1170	17.5
Min Average	- 1012.8	.0035 26.1	1.240 310.6	.072	1.035	.015	.007	.005	.0504	13.2
Max Average	- 1013.5	.0247 36.3	1.456 351.4	.303	1.136	.043	.018	.025	.0893	15.8
# Valid Rds	0. 173.	165. 173.	124. 173.	124.	124.	165.	165.	165.	173.	173.

- Invalid Data / Not Calculated  
nd Average is less than Min. Detectable Level  
m One or more readings Missing

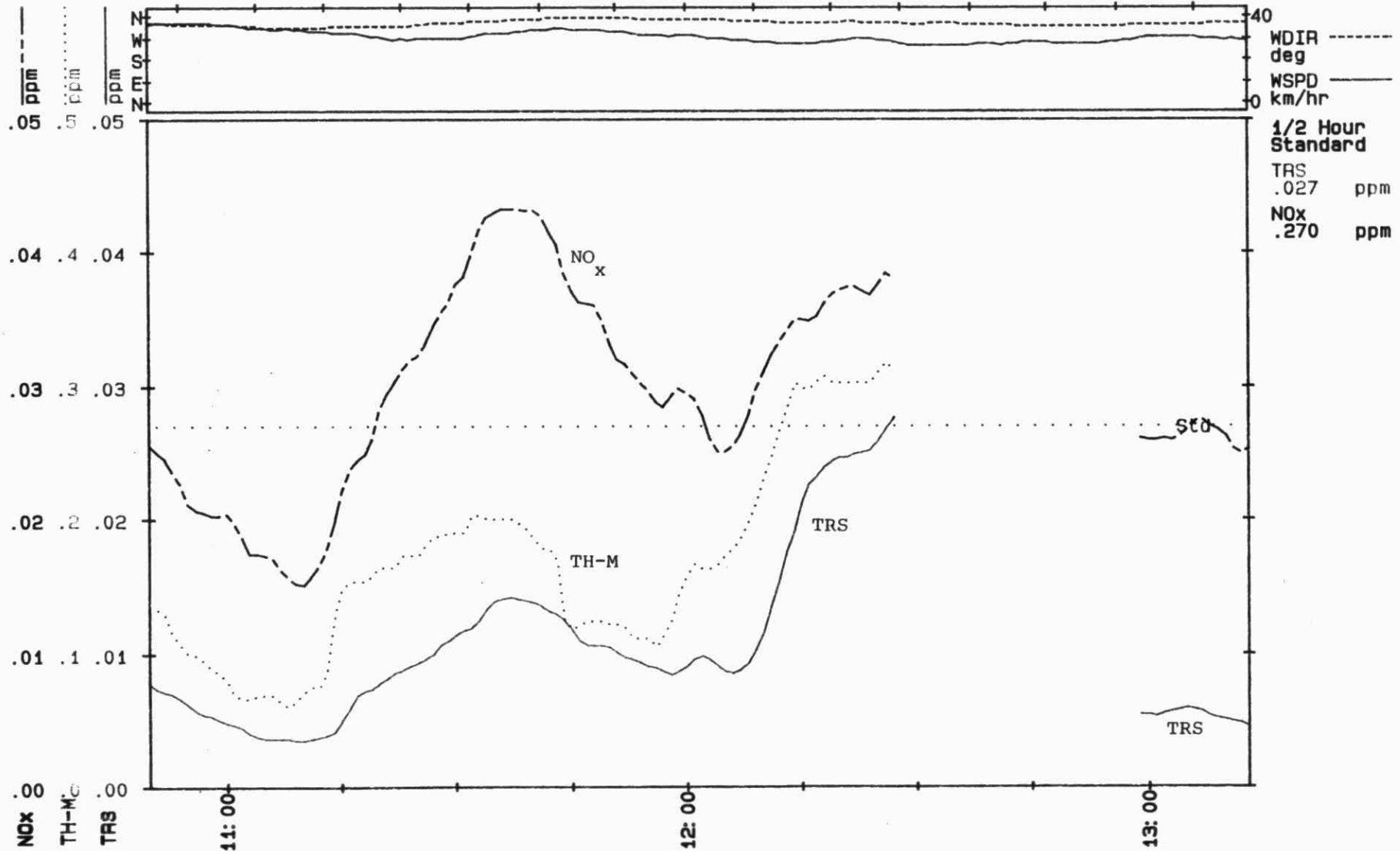
Percent Valid Data Required for Valid Average: 90.0 %  
Averaging Started at Nearest: .0 min

# DRYDEN\_85: A211

Start: 85/07/21 10:20 Scan: 60 sec. Ave: 30.00 min.  
 Loc: Public Dock at the corner of Victoria Street & Riverview Drive

SRAD	W/cm <sup>2</sup>
.053	13
.053	13
.052	13
.059	14
.066	14
.070	15
.059	15
.053	15
.056	15
.077	15
.085	15
.080	16
.070	15
.074	15
.080	15

SRAD W/cm<sup>2</sup>  
 TEMP d C  
 HUM %rel  
 BAR mbar-msl



DRYDEN\_85 : A212

Start: 85/07/21 14:30 Scan: 300 sec  
 Average: 30.00 min Report: 15.00 min  
 Loc: Overnight monitoring at the MNR building

Time	TRF	NOx	NO2	NO	SolarRad	Temp	Barom	Wind-Spd	Wind-Dir
14:30-15:00	nd	nd	nd	nd	.067	18.1	1014.7	32.	323.
14:45-15:15	nd	nd	nd	nd	.073	18.8	1014.4	32.	316.
15:00-15:30	nd	nd	nd	nd	.063	18.7	1014.1	36.	312.
15:15-15:45	nd	nd	nd	nd	.057	18.4	1014.1	36.	316.
15:30-16:00	nd	nd	nd	nd	.060	18.6	1014.1	34.	323.
15:45-16:15	nd	nd	nd	nd	.051	18.6	1014.1	35.	318.
16:00-16:30	nd	nd	nd	nd	.033	18.2	1014.1	32.	315.
16:15-16:45	nd	nd	nd	nd	.041	18.4	1014.1	31.	319.
16:30-17:00	nd	nd	nd	nd	.044	18.6	1014.1	35.	313.
16:45-17:15	nd	nd	nd	nd	.048	18.8	1014.1	35.	312.
17:00-17:30	nd	nd	nd	nd	.055	19.2	1014.1	34.	312.
17:15-17:45	nd	nd	nd	nd	.034	18.6	1014.1	32.	309.
17:30-18:00	nd	nd	nd	nd	.020	17.8	1014.1	27.	313.
17:45-18:15	nd	nd	.01	nd	.019	17.5	1014.1	26.	315.
18:00-18:30	nd	nd	.01	nd	.018	17.5	1014.1	25.	313.
18:15-18:45	nd	nd	nd	nd	.017	17.6	1014.1	24.	313.
18:30-19:00	nd	nd	nd	nd	.015	17.4	1014.1	22.	317.
18:45-19:15	nd	nd	.01	nd	.020	17.9	1014.1	20.	323.
19:00-19:30	nd	nd	nd	nd	.022	18.4	1014.1	21.	326.
19:15-19:45	nd	nd	nd	nd	.018	18.1	1014.1	21.	322.
19:30-20:00	nd	nd	.01	nd	.011	17.5	1014.1	19.	320.
19:45-20:15	nd	nd	.01	nd	.006	16.3	1014.1	14.	322.
20:00-20:30	nd	nd	.01	nd	.006	16.1	1014.1	9.	326.
20:15-20:45	nd	nd	.01	nd	.004	15.8	1014.1	7.	327.
20:30-21:00	nd	nd	.01	nd	.001	14.8	1014.1	6.	330.
20:45-21:15	nd	nd	.01	nd	.000	13.9	1014.2	3.	337.
21:00-21:30	nd	nd	.01	nd	.000	13.2	1014.4	0.	351.
21:15-21:45	nd	.02	.02	nd	.000	12.5	1014.8	0.	188.
21:30-22:00	nd	.03	.02	nd	.000	11.6	1015.1	0.	204.
21:45-22:15	nd	.03	.02	nd	.000	10.8	1015.1	0.	98.
22:00-22:30	nd	.02	.02	nd	.000	10.1	1015.1	0.	10.
22:15-22:45	nd	.03	.02	nd	.000	9.5	1015.1	0.	319.
22:30-23:00	nd	.03	.02	nd	.000	9.1	1015.1	0.	148.
22:45-23:15	nd	.03	.02	nd	.000	8.7	1015.1	0.	135.
23:00-23:30	.004	.03	.02	.01	.000	8.5	1015.1	0.	133.
23:15-23:45	.005	.02	.02	nd	.000	8.3	1015.3	0.	148.
23:30-00:00	.025	.03	.02	.01	.000	7.7	1015.7	0.	192.
23:45-00:15	.008	.03	.02	.01	.000	7.2	1016.0	0.	199.
05/27/21									
00:00-00:30	.007	.02	.01	nd	.000	6.9	1016.1	0.	170.
00:15-00:45	.006	.02	.02	nd	.000	6.8	1016.1	0.	281.
00:30-01:00	.004	.03	.02	.02	.000	7.0	1016.1	1.	296.
00:45-01:15	nd	.04	.02	.01	.000	6.9	1016.1	0.	299.
01:00-01:30	nd	.03	.02	nd	.000	6.7	1016.1	0.	129.
01:15-01:45	nd	.02	.02	nd	.000	6.6	1016.1	0.	141.
01:30-02:00	nd	.02	.02	nd	.000	6.6	1016.1	0.	158.
01:45-02:15	nd	.02	.02	nd	.000	6.9	1016.1	0.	158.
02:00-02:30	nd	.01	.02	nd	.000	7.1	1016.1	0.	149.
02:15-02:45	nd	.01	.02	nd	.000	7.4	1016.2	0.	129.
02:30-03:00	nd	.02	.02	nd	.000	7.5	1016.6	0.	185.
02:45-03:15	nd	.02	.02	nd	.000	7.6	1017.0	1.	283.

Time	TRS	NOx	NO2	NO	SolarRad	Temp	Barom	Wind-Spd	Wind-Dir
03:00-03:30	nd	.02	.02	nd	.000	7.3	1017.1	1.	282.
03:15-03:45	nd	.02	.02	nd	.000	6.3	1017.1	0.	159.
03:30-04:00	nd	.01	.02	nd	.000	5.9	1017.1	0.	181.
03:45-04:15	nd	.02	.02	nd	.000	5.6	1017.1	0.	193.
04:00-04:30	nd	.02	.02	nd	.000	5.3	1017.1	0.	197.
04:15-04:45	nd	.01	.02	nd	.000	5.0	1017.1	0.	193.
04:30-05:00	nd	.01	.01	nd	.000	4.7	1017.2	0.	207.
04:45-05:15	nd	.01	.02	nd	.000	4.4	1017.7	0.	231.
05:00-05:30	nd	.01	.01	nd	.000	4.2	1018.1	0.	235.
05:15-05:45	nd	.02	.01	nd	.001	4.3	1018.1	0.	230.
05:30-06:00	nd	.03	.01	.02	.003	5.1	1018.1	0.	239.
05:45-06:15	nd	.02	.01	.01	.005	6.4	1018.1	0.	210.
06:00-06:30	nd	.02	.01	nd	.006	7.7	1018.4	0.	163.
06:15-06:45	nd	.03	.01	.01	.008	8.6	1018.9	0.	150.
06:30-07:00	nd	.02	.01	.01	.010	9.4	1019.1	0.	159.
06:45-07:15	nd	.02	.01	nd	.015	10.7	1019.1	0.	147.
07:00-07:30	nd	.02	.01	nd	.021	12.2	1019.1	0.	137.
07:15-07:45	nd	.02	.01	nd	.025	13.7	1019.1	0.	137.
07:30-08:00	nd	.02	.01	nd	.029	15.1	1019.1	0.	105.
07:45-08:15	nd	.01	.01	nd	.034	15.1	1019.1	1.	26.
08:00-08:30	nd	nd	.01	nd	.036	14.9	1019.1	2.	24.

Statistics	TRG	NOx	NO2	NO	SolarRad	Temp	Barom	Wind-Spd	Wind-Dir
Units	ppm	ppm	ppm	ppm	W/cm^2	d C	mbar-msl	km/h	deg
Arith. Mean	.0015	.015	.013	.006	.0146	11.8	1015.9	-	-
Std. Dev.	.0016	.010	.005	.004	.0214	5.2	1.8	-	-
Geo. Mean	.0012	.011	.012	.006	-	-	-	-	-
Geo.Std.Dev	1.6921	2.055	1.595	1.464	-	-	-	-	-
Min Reading	.0010	.005	.005	.005	.0000	4.1	1014.1	.0	11.1
Max Reading	.0098	.040	.025	.033	.0083	19.7	1019.1	49.8	352.1
Min Average	.0010	.005	.005	.005	.0000	4.2	1014.1	.0	10.2
Max Average	.0000	.036	.021	.016	.0735	19.2	1019.1	36.2	351.5
* Valid Rds	217.	217.	217.	217.	217.	217.	217.	217.	217.

- Invalid Data / Not Calculated
- nd Average is less than Min. Detectable Level
- m One or more readings Missing

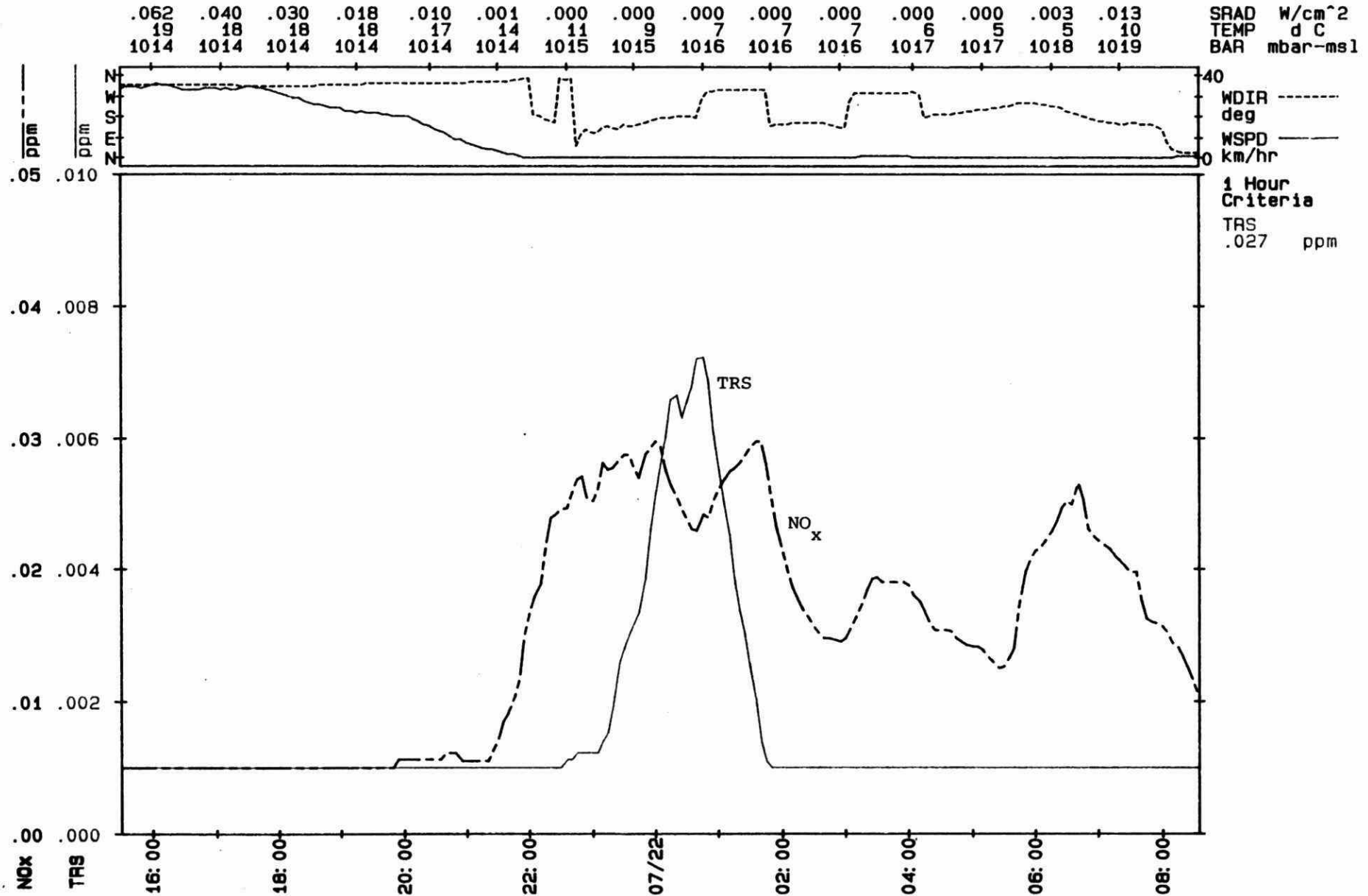
Percent Valid Data Required for Valid Average: 90.0 %  
 Averaging Started at Nearest: .0 min



# DRYDEN\_85: A212

Start: 85/07/21 14:30 Scan: 300 sec. Ave: 60.00 min.

Loc: Overnight monitoring at the MNR building



DRYDEN SURVEY-85

MONITORING PERIOD	A211	A211	A211	MANU#1
TIME	1020-1050	1120-1150	1125-1155	JULY 21/85
PROPANE	2.10	1.15	2.84	
PROPADIENE				
PROPYNE				
CHLOROMETHANE				
CYCLOPROPANE				
2-METHYLPROPANE	0.91			
CHLOROETHENE				
1-BUTENE				
1,3-BUTADIENE				
BUTANE	2.95	3.66	4.77	
1-BUTYNE				
CHLOROETHANE				
3-METHYL-1-BUTENE				
2-METHYLBUTANE	1.61	1.95	3.71	
1-PENTENE				
PENTANE	1.03	1.05	2.20	
2-METHYL-1,3-BUTADIENE				
TRANS-2-PENTENE **				
CIS-2-PENTENE **				
DICHLOROMETHANE				
2-METHYL-2-BUTENE				
3-CHLOROPROPENE				
2,2-DIMETHYLBUTANE				
4-METHYL-1-PENTENE				
3-METHYL-1-PENTENE				
CYCLOPENTANE				
2,3-DIMETHYLBUTANE				
2-METHYLPENTANE	0.82	1.13	1.43	
3-METHYLPENTANE			0.78	
1-HEXENE				
CIS-1,2-DICHLOROETHENE				
2-CHLOROBUTANE				
HEXANE			1.30	
TRICHLOROMETHANE	8.60			
TRANS-3-HEXENE				
3-CHLORO-2-METHYLPROPENE	8.95			
METHYLCYCLOPENTANE			0.75	
1,2-DICHLOROETHANE				
1,1,1-TRICHLOROETHANE				
1-CHLOROBUTANE				
BENZENE	5.63	4.01	3.85	
TETRACHLOROMETHANE				
CYCLOHEXANE				
2,3-DIMETHYLPENTANE				
2-METHYLHEXANE			1.39	
CYCLOHEXENE				
3-METHYLHEXANE				
1,2-DICHLOROPROPANE				
2,3-DICHLOROPROPENE				
TRICHLOROETHENE				
2,2,4-TRIMETHYLPENTANE	1.11		1.36	

1-HEPTENE			
HEPTANE			0.69
1-CHLORO-3-METHYLBUTANE			
TRANS-2-HEPTENE			
METHYLCYCLOHEXANE			
4-METHYLCYCLOHEXENE			
2,5-DIMETHYLHEXANE			
1-CHLOROPENTANE			
1,1,2-TRICHLOROETHANE			
TOLUENE	1.54	1.05	2.33
1,3-DICHLOROPROPANE			
2-METHYLHEPTANE			
4-METHYLHEPTANE			
3-METHYLHEPTANE			
1,2-DIBROMOETHANE			
1-OCTENE			
TRANS12DIMETHYLCYCLOHEXAN			
TRANS-4-OCTENE			
TETRACHLOROETHENE			
2-METHYL-1-HEPTENE			
OCTANE			
2-OCTENE			
CIS12DIMETHYLCYCLOHEXAN			
CHLOROBENZENE			
ETHYLCYCLOHEXANE **			
PROPYLCYCLOPENTANE **			
1-CHLOROHXANE			
ETHYLBENZENE			0.77
m/p-XYLENE	0.99	0.84	2.03
4-METHYLOCTANE			
2-METHYLOCTANE			
STYRENE			
1,4-DICHLOROBUTANE			
O-XYLENE			0.68
1,1,2,2-TETRACHLOROETHANE			
1,2,3-TRICHLOROPROPANE			
1-NONENE			
NONANE			
ISOPROPYLBENZENE			
2-CHLOROTOLUENE			
3-CHLOROTOLUENE			
PROPYLBENZENE			
4-CHLOROTOLUENE			
3-ETHYLTOLUENE			
4-ETHYLTOLUENE			
1,3,5-TRIMETHYLBENZENE	1.16		1.03
2-ETHYLTOLUENE			
tert-BUTYLBENZENE **	1.05		
1,2,4-TRIMETHYLBENZENE **			
1,3-DICHLOROBENZENE			
1-DECENE			
(CHLOROMETHYL) BENZENE			
1,5-DICHLOROPENTANE			
DECANE	0.90		
sec-BUTYLBENZENE			
3-(CHLOROMETHYL) HEPTANE			
1,2,3-TRIMETHYLBENZENE			
1ISOPROPYL4METHYLBENZENE	15.42	27.94	12.64
1,2-DICHLOROBENZENE			
INDAN			
BUTYLCYCLOHEXANE			
1,3-DIETHYLBENZENE			
1,4-DIETHYLBENZENE **			
BUTYLBENZENE **			
1,2-DIETHYLBENZENE			
UNDECANE	1.80	1.06	0.95

DECAHYDRONAPHTHALENE  
 1235-TETRAMETHYLBENZENE  
 1234-TETRAMETHYLBENZENE  
 1234-TETRAHYDRONAPHTHALENE  
 1,4-DIISOPROPYLBENZENE  
 DODECANE

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Total # of compounds identified	17.00	10.00	19.00
Total # of peaks	33.00	22.00	33.00
Total area of peaks	2063.27	2494.02	2046.43
Area of identified peaks	1110.39	405.36	1357.05
Area % identified peaks	53.82	16.25	66.31

Total hydrocarbons ug/m3:	56.57	43.84	45.50
Alkanes ug/m3	11.13	8.85	18.58
Cycloalkanes ug/m3	0.00	0.00	0.75
Alkenes ug/m3	0.00	0.00	0.00
Cycloalkenes ug/m3	0.00	0.00	0.00
Alkynes ug/m3	0.00	0.00	0.00
Aromatics ug/m3	25.79	33.84	23.33
Chlorinated alkanes ug/m3	8.60	0.00	0.00
Chlorinated alkenes ug/m3	8.95	0.00	0.00
Chlorinated aromatics ug/m3	0.00	0.00	0.00

Toluene:Ethylbenzene	3.03
Benzene:Ethylbenzene	5.00
Xylenes:Ethylbenzene	3.52
Ethylbenzene:Ethylbenzene	1.00

\*\*-AMBIGUOUS IDENTIFICATION ON BOTH COLUMNS

DDRY : M002

Start: 05/07/12 12:28

Scan: 60 sec

Average: 30.00 min

Report: 5.00 min

Loc: Merging of 4 MP's...data acquired 2 metres above sfc of lagoon

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
12:28-12:58	1.8 28.0	.045 43.	3.20 1003.5	1.69 3.	1.51 150.	.02	nd	.03	.018	.084
12:33-13:03	1.5 28.1	.044 43.	3.17 1003.5	1.63 4.	1.54 148.	.02	nd	.02	.018	.084
12:38-13:08	4.1 28.2	.046 43.	3.50 1003.4	1.86 2.	1.65 111.	.04	nd	.04	.018	.084
12:43-13:13	5.5 28.4	.067 42.	3.67 1003.4	1.98 2.	1.69 73.	.06	nd	.06	.018	.083
12:48-13:18	7.7 28.2	.069 42.	3.81 1003.3	2.11 3.	1.70 66.	.09	.01	.08	.018	.083
12:53-13:23	7.4 28.2	.057 43.	3.64 1003.3	2.01 3.	1.62 67.	.09	.01	.08	.018	.081
12:58-13:28	7.4 28.1	.051 43.	3.58 1003.2	1.98 3.	1.60 53.	.09	.01	.08	.018	.082
13:03-13:33	7.4 28.1	.047 43.	3.52 1003.1	1.95 3.	1.57 35.	.09	.01	.08	.019	.081
13:08-13:38	4.8 28.4	.044 42.	3.21 1003.0	1.73 2.	1.49 65.	.06	nd	.06	.019	.078
13:13-13:43	3.3 28.6	.025 42.	3.05 1003.0	1.58 2.	1.47 103.	.04	nd	.04	.019	.078
13:18-13:48	1.4 28.8	.024 42.	2.92 1002.9	1.44 2.	1.48 134.	.02	nd	.03	.019	.078
13:23-13:53	1.3 29.0	.026 41.	2.98 1002.9	1.47 3.	1.51 141.	.02	nd	.03	.020	.079
13:28-13:58	-	-	-	-	-	-	-	-	-	-
13:33-14:03	-	-	-	-	-	-	-	-	-	-
13:38-14:08	-	-	-	-	-	-	-	-	-	-
13:43-14:13	-	-	-	-	-	-	-	-	-	-

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
13:48-14:18	- -	- -	- -	- -	- -	-	-	-	-	-
13:53-14:23	- -	- -	- -	- -	- -	-	-	-	-	-
13:58-14:28	- 28.1	.023 47.	4.40 1014.9	2.75 3.	1.65 15.	.02	nd	.02	-	.050
14:03-14:33	- 28.0	.030 47.	6.11 1014.9	4.33 3.	1.78 15.	.02	nd	.02	-	.046
14:08-14:38	- 27.6	.038 48.	7.55 1014.8	5.64 1.	1.91 66.	.02	nd	.02	-	.039
14:13-14:43	- 27.1	.047 50.	13.26 1014.8	11.19 2.	2.05 171.	.02	nd	.02	-	.039
14:18-14:48	- 26.8	.056 51.	15.43 1014.7	13.29 5.	2.11 176.	.01	nd	.02	-	.039
14:23-14:53	- 26.5	.058 52.	16.87 1014.7	14.66 6.	2.18 169.	.01	nd	.02	-	.040
14:28-14:58	- 26.4	.058 52.	18.17 1014.6	15.89 8.	2.25 166.	nd	nd	.02	-	.045
14:33-15:03	- 26.3	.052 53.	18.75 1014.5	16.53 10.	2.19 164.	nd	nd	.02	-	.046
14:38-15:08	- 26.3	.052 53.	20.98 1014.4	18.79 10.	2.15 165.	nd	nd	.02	-	.048
14:43-15:13	- 26.3	.052 53.	20.31 1014.3	18.14 10.	2.14 167.	nd	nd	.02	-	.054
14:48-15:18	- 26.1	.052 54.	24.18 1014.2	21.90 10.	2.23 171.	nd	nd	.02	-	.053
14:53-15:23	- 26.0	.062 55.	24.70 1014.1	22.39 9.	2.25 176.	nd	nd	.01	-	.051
14:58-15:28	- 25.5	.066 57.	28.66 1014.0	26.32 9.	2.27 185.	nd	nd	.01	-	.046
15:03-15:33	- 25.1	.074 58.	28.56 1013.9	26.09 8.	2.39 194.	nd	nd	.01	-	.048
15:08-15:38	- 25.0	.076 59.	28.91 1013.8	26.41 8.	2.42 202.	nd	nd	.01	-	.049

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
15:13-15:43	-	-	-	-	-	-	-	-	-	-
15:18-15:48	-	-	-	-	-	-	-	-	-	-
15:23-15:53	-	-	-	-	-	-	-	-	-	-
15:28-15:58	-	-	-	-	-	-	-	-	-	-
15:33-16:03	-	-	-	-	-	-	-	-	-	-
15:38-16:08	-	-	-	-	-	-	-	-	-	-
15:43-16:13	- 26.0	.099 54.	30.44 1014.0	28.10 11.	2.28 218.	.04	.01	.03	-	.044
15:48-16:18	- 26.0	.099 54.	30.44 1014.0	28.10 11.	2.28 218.	.04	.01	.03	-	.044
15:53-16:23	-	-	-	-	-	-	-	-	-	-
15:58-16:28	-	-	-	-	-	-	-	-	-	-
16:03-16:33	-	-	-	-	-	-	-	-	-	-
16:08-16:38	-	-	-	-	-	-	-	-	-	-
16:13-16:43	-	-	-	-	-	-	-	-	-	-
16:18-16:48	-	-	-	-	-	-	-	-	-	-
16:23-16:53	-	-	-	-	-	-	-	-	-	-
16:28-16:58	.4 22.4	.045 61.	2.81 1016.6	1.37 29.	1.38 305.	nd	nd	nd	-	.067
16:33-17:03	.4 22.5	.045 61.	2.81 1016.6	1.36 30.	1.38 305.	nd	nd	nd	-	.071

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
16:38-17:08	.4 22.8	.043 59.	2.86 1016.5	1.38 30.	1.41 308.	nd	nd	nd	-	.073
16:43-17:13	.4 23.0	.043 58.	2.89 1016.4	1.39 29.	1.43 310.	nd	nd	nd	-	.078
16:48-17:18	.4 23.4	.040 57.	2.96 1016.4	1.42 30.	1.47 314.	nd	nd	nd	-	.084
16:53-17:23	.5 23.6	.040 56.	3.17 1016.3	1.55 30.	1.54 317.	nd	nd	nd	-	.086
16:58-17:28	.5 23.8	.040 56.	3.21 1016.3	1.58 30.	1.55 317.	nd	nd	.01	-	.084
17:03-17:33	.5 24.0	.040 55.	3.22 1016.2	1.59 30.	1.56 317.	nd	nd	.01	-	.084
17:08-17:38	.5 24.2	.040 55.	3.15 1016.2	1.55 29.	1.52 313.	nd	nd	.01	-	.084
17:13-17:43	.5 24.4	.038 55.	3.02 1016.2	1.47 29.	1.48 309.	nd	nd	.01	-	.084
17:18-17:48	.4 24.4	.036 55.	2.93 1016.2	1.41 29.	1.44 306.	nd	nd	.01	-	.084
17:23-17:53	.4 24.5	.038 54.	2.76 1016.2	1.29 29.	1.39 303.	nd	nd	.01	-	.082



Statistics	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
Units	ppm d C	ppm %-rel	ppm mbar-msl	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	W/cm^2
Arith. Mean	2.03 26.1	.0514 51.3	10.717 1011.9	8.886 -	1.793 -	.023	.007	.025	.018	.0654
Std. Dev.	4.63 2.1	.0329 6.7	14.205 5.4	13.896 -	.628 -	.036	.005	.032	.002	.0242
Geo. Mean	.78 -	.0434 -	5.993 -	3.658 -	1.721 -	.013	.006	.017	.018	-
Geo.Std.Dev	3.03 -	1.7884 -	2.660 -	3.443 -	1.306 -	2.676	1.520	2.234	1.105	-
Min Reading	.05 21.6	.0108 40.0	1.770 1002.5	.590 .0	1.087 .2	.005	.005	.005	.015	.0184
Max Reading	30.59 30.0	.2489 63.7	67.783 1016.8	65.661 47.0	8.429 358.0	.230	.028	.201	.026	.1141
Min Average	.37 22.4	.0234 41.3	2.758 1002.9	1.293 1.0	1.382 15.2	.006	.005	.007	.018	.0388
Max Average	7.75 29.0	.0992 61.1	30.437 1016.6	28.101 30.1	2.424 317.3	.089	.014	.082	.020	.0859
# Valid Rds	168. 296.	296. 296.	296. 296.	296. 296.	296. 296.	296.	296.	296.	80.	296.

- Invalid Data / Not Calculated

nd Average is less than Min. Detectable Level

m One or more readings Missing

Percent Valid Data Required for Valid Average: 90.0 %

Averaging Started at Nearest: .0 min

DDRY : M005

Start: 05/07/11 10:51 Scan: 60 sec  
 Average: 30.00 min Report: 5.00 min  
 Loc: Merging of 4 MP's...data acquired 5 metres above lagoon surface

Time	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad	Temp
12810:51-11:21	.029 -	3.48 1016.0	1.77 22.	1.72 288.	nd	nd	nd	.005	.076	18.5
10:56-11:28	.026 -	3.45 1015.9	1.72 23.	1.73 284.	nd	nd	nd	.006	.078	18.5
11:01-11:31	.024 -	3.27 1015.9	1.56 22.	1.72 283.	nd	nd	nd	.006	.080	18.7
11:06-11:36	.025 -	3.50 1015.8	1.65 22.	1.87 284.	nd	nd	nd	.006	.081	18.7
11:11-11:41	.025 -	3.54 1015.7	1.65 22.	1.90 285.	nd	nd	nd	.006	.082	18.8
11:16-11:46	.024 -	3.44 1015.6	1.59 21.	1.87 283.	nd	nd	nd	.007	.082	18.9
11:21-11:51	.021 -	3.41 1015.5	1.57 21.	1.86 283.	nd	nd	nd	.007	.082	19.0
11:26-11:56	.017 -	3.28 1015.4	1.48 19.	1.81 279.	nd	nd	nd	.007	.081	19.4
11:31-12:01	.014 -	3.20 1015.3	1.43 19.	1.78 277.	nd	nd	.01	.007	.081	19.6
11:36-12:06	.011 -	2.85 1015.2	1.26 19.	1.60 275.	nd	nd	.01	.007	.082	19.9
11:41-12:11	.010 -	2.76 1015.1	1.21 20.	1.56 275.	nd	nd	.01	.007	.084	20.0
11:46-12:16	.011 -	2.80 1015.0	1.22 19.	1.59 279.	nd	nd	nd	.008	.085	20.1
11:51-12:21	.015 -	2.87 1014.9	1.26 19.	1.62 284.	nd	nd	nd	.007	.083	20.2
11:56-12:26	.021 -	2.93 1014.9	1.29 23.	1.66 288.	nd	nd	nd	.008	.077	19.9
12:01-12:31	.025 -	2.94 1014.9	1.29 23.	1.66 288.	nd	nd	nd	.008	.079	19.8
12:06-12:36	.027 -	2.99 1014.8	1.32 23.	1.68 290.	nd	nd	nd	.008	.079	19.7

Time	TRS Humidity	THC Barom	Non-CH4 Wind-Sod	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad	Temp
12:11-12:41	.031 -	3.06 1014.8	1.37 23.	1.71 293.	nd	nd	nd	.008	.077	19.7
12:16-12:46	- -	- -	- -	- -	-	-	-	-	-	-
12:21-12:51	- -	- -	- -	- -	-	-	-	-	-	-
12:26-12:56	- -	- -	- -	- -	-	-	-	-	-	-
12:31-13:01	- -	- -	- -	- -	-	-	-	-	-	-
12:36-13:06	- -	- -	- -	- -	-	-	-	-	-	-
12:41-13:11	- -	- -	- -	- -	-	-	-	-	-	-
12:46-13:16	- -	- -	- -	- -	-	-	-	-	-	-
12:51-13:21	- -	- -	- -	- -	-	-	-	-	-	-
12:56-13:26	.014 46.	3.05 1019.2	1.67 15.	1.37 245.	nd	nd	nd	-	.081	26.9
13:01-13:31	.014 46.	3.00 1019.1	1.64 15.	1.37 243.	nd	nd	nd	-	.081	26.8
13:06-13:36	.015 47.	2.95 1019.1	1.59 16.	1.37 237.	nd	nd	nd	-	.081	26.8
13:11-13:41	.016 47.	2.89 1019.0	1.52 17.	1.37 238.	nd	nd	nd	-	.081	26.8
13:16-13:46	.016 47.	2.82 1018.9	1.45 18.	1.36 240.	nd	nd	nd	-	.081	26.7
13:21-13:51	.015 47.	2.74 1018.8	1.38 17.	1.36 233.	nd	nd	nd	-	.081	26.7
13:26-13:56	.015 47.	2.68 1018.7	1.33 15.	1.35 228.	nd	nd	nd	-	.081	26.8
13:31-14:01	.015 46.	2.65 1018.6	1.30 14.	1.35 226.	nd	nd	nd	-	.081	27.0

Time	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad	Temp
13:36-14:06	.014 46.	2.62 1018.5	1.28 14.	1.34 230.	nd	nd	nd	-	.081	27.1
13:41-14:11	.014 45.	2.60 1018.4	1.27 15.	1.33 237.	nd	nd	nd	-	.081	27.2
13:46-14:16	.014 45.	2.61 1018.2	1.27 14.	1.33 229.	nd	nd	nd	-	.081	27.4
13:51-14:21	.015 45.	2.63 1018.1	1.29 14.	1.34 225.	nd	nd	nd	-	.080	27.5
13:56-14:26	.015 44.	2.66 1018.0	1.31 13.	1.34 222.	nd	nd	nd	-	.080	27.7
14:01-14:31	.015 44.	2.66 1017.9	1.32 13.	1.33 228.	nd	nd	nd	-	.080	27.9
14:06-14:36	.015 44.	2.65 1017.8	1.33 13.	1.33 225.	nd	nd	nd	-	.080	27.9
14:11-14:41	.016 44.	2.67 1017.7	1.34 13.	1.33 216.	nd	nd	nd	-	.080	27.9
14:16-14:46	.017 44.	2.65 1017.5	1.33 15.	1.32 212.	nd	nd	nd	-	.079	27.9
14:21-14:51	.017 44.	2.62 1017.4	1.31 17.	1.31 216.	nd	nd	nd	-	.078	27.7
14:26-14:56	.017 44.	2.60 1017.3	1.29 18.	1.31 215.	nd	nd	nd	-	.078	27.6
14:31-15:01	-	-	-	-	-	-	-	-	-	-
14:36-15:06	-	-	-	-	-	-	-	-	-	-
14:41-15:11	-	-	-	-	-	-	-	-	-	-
14:46-15:16	-	-	-	-	-	-	-	-	-	-
14:51-15:21	-	-	-	-	-	-	-	-	-	-
14:56-15:26	-	-	-	-	-	-	-	-	-	-

Time	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad	Temp
15:01-15:31	-	-	-	-	-	-	-	-	-	-
15:06-15:36	-	-	-	-	-	-	-	-	-	-
15:11-15:41	.007 50.	3.68 1014.7	2.29 6.	1.39 156.	nd	nd	.02	-	.062	27.2
15:16-15:46	.008 50.	4.00 1014.7	2.61 6.	1.38 151.	nd	nd	.02	-	.065	27.2
15:21-15:51	.007 49.	3.37 1014.6	2.00 6.	1.36 143.	.01	nd	.02	-	.066	27.7
15:26-15:56	.007 48.	3.27 1014.6	1.91 5.	1.36 141.	.02	nd	.02	-	.068	28.0
15:31-16:01	.007 47.	2.75 1014.5	1.42 5.	1.33 133.	.02	nd	.02	-	.069	28.2
15:36-16:06	.007 47.	2.66 1014.4	1.35 6.	1.31 126.	.02	nd	.02	-	.071	28.2
15:41-16:11	.008 47.	2.48 1014.4	1.17 6.	1.30 113.	.03	nd	.02	-	.071	28.2
15:46-16:16	-	-	-	-	-	-	-	-	-	-
15:51-16:21	-	-	-	-	-	-	-	-	-	-
15:56-16:26	-	-	-	-	-	-	-	-	-	-
16:01-16:31	-	-	-	-	-	-	-	-	-	-
16:06-16:36	-	-	-	-	-	-	-	-	-	-
16:11-16:41	-	-	-	-	-	-	-	-	-	-
16:16-16:46	-	-	-	-	-	-	-	-	-	-
16:21-16:51	-	-	-	-	-	-	-	-	-	-

Time	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad	Temp
16:26-16:56	.032 69.	1.60 1015.2	.33 40.	1.15 315.	nd	nd	nd	-	.069	20.9
16:31-17:01	.032 68.	1.62 1015.2	.34 40.	1.16 316.	nd	nd	nd	-	.065	20.9
16:36-17:06	.033 69.	1.63 1015.3	.34 38.	1.16 319.	nd	nd	nd	-	.069	20.9
16:41-17:11	.031 69.	1.64 1015.3	.35 38.	1.17 322.	nd	nd	nd	-	.071	21.0
16:46-17:16	.031 68.	1.66 1015.3	.35 37.	1.18 327.	nd	nd	nd	-	.071	21.1
16:51-17:21	.029 68.	1.64 1015.3	.34 36.	1.18 328.	nd	nd	nd	-	.064	21.1
16:56-17:26	.028 68.	1.66 1015.4	.35 36.	1.19 329.	nd	nd	nd	-	.056	21.1
17:01-17:31	.028 68.	1.65 1015.4	.34 36.	1.19 329.	nd	nd	nd	-	.055	21.0
17:06-17:36	.028 67.	1.67 1015.5	.35 37.	1.19 327.	nd	nd	nd	-	.053	21.1
17:11-17:41	.029 67.	1.66 1015.5	.36 37.	1.19 325.	nd	nd	nd	-	.043	21.0
17:16-17:46	.028 67.	1.66 1015.5	.35 36.	1.18 321.	nd	nd	nd	-	.036	20.9
17:21-17:51	.028 67.	1.65 1015.5	.35 35.	1.18 321.	nd	nd	nd	-	.038	20.9
17:26-17:56	.027 66.	1.65 1015.5	.34 33.	1.19 323.	nd	nd	nd	-	.046	21.1
17:31-18:01	.026 65.	1.68 1015.5	.36 30.	1.20 322.	nd	nd	nd	-	.049	21.4
17:36-18:06	.026 64.	1.70 1015.5	.37 29.	1.20 324.	nd	nd	nd	-	.043	21.4
17:41-18:11	.026 64.	1.70 1015.5	.36 28.	1.21 321.	nd	nd	nd	-	.051	21.6
17:46-18:16	.026 63.	1.70 1015.5	.36 28.	1.21 318.	nd	nd	nd	-	.060	21.9

Time	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad	Temp
17:51-18:21	.026 61.	1.71 1015.5	.37 29.	1.21 316.	nd	nd	nd	-	.068	22.2
17:56-18:26	.028 61.	1.69 1015.6	.36 31.	1.20 314.	nd	nd	nd	-	.066	22.4
18:01-18:31	.029 61.	1.68 1015.6	.35 32.	1.20 313.	nd	nd	nd	-	.062	22.4

Statistics	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad	Temp
Units	ppm %-rel	ppm mbar-msl	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	W/cm^2	d C
Arith. Mean	.0206 54.6	2.570 1016.1	1.139 -	1.395 -	.007	.005	.007	.007	.0713	23.4
Std. Dev.	.0112 9.9	1.303 1.5	1.204 -	.262 -	.008	.002	.006	.002	.0189	3.6
Geo. Mean	.0174 -	2.390 -	.841 -	1.375 -	.006	.005	.006	.006	-	-
Geo.Std.Dev	1.8591 -	1.426 -	2.189 -	1.175 -	1.600	1.156	1.638	1.416	-	-
Min Reading	.0034 42.8	1.405 1014.1	.142 .0	1.122 31.6	.005	.005	.005	.002	.0192	17.6
Max Reading	.0660 71.8	18.220 1019.4	16.490 51.1	3.735 354.0	.001	.028	.052	.011	.1100	29.4
Min Average	.0065 43.9	1.603 1014.4	.327 4.8	1.155 112.9	.005	.005	.005	.005	.0363	18.5
Max Average	.0329 68.6	3.999 1019.2	2.610 40.0	1.904 329.0	.025	.008	.022	.008	.0849	28.2
# Valid Rdgs	394. 289.	394. 394.	394. 394.	394. 394.	394.	394.	394.	105.	394.	394.

- Invalid Data / Not Calculated

nd Average is less than Min. Detectable Level

m One or more readings Missing

Percent Valid Data Required for Valid Average: 90.0 %  
Averaging Started at Nearest: .0 min



DDRY : A113

Start: 05/07/11 12:48 Scan: 60 sec  
 Average: 30.00 min Report: 5.00 min  
 Loc: Downwind of main inlet to lagoon

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
12:48-13:18	.7 22.6	.384 * -	4.50 1016.7	2.72 27.	1.78 276.	nd	nd	nd	.005	.084
12:53-13:23	.7 23.0	.531 * -	4.53 1016.6	2.73 28.	1.80 273.	nd	nd	nd	.005	.084
12:58-13:28	.7 22.9	.539 * -	4.38 1016.5	2.59 31.	1.78 270.	nd	nd	nd	.004	.077
13:03-13:33	.7 22.8	.537 * -	4.27 1016.4	2.48 30.	1.79 267.	nd	nd	nd	.004	.069
13:08-13:38	.7 22.3	.496 * -	4.12 1016.3	2.34 30.	1.79 266.	nd	nd	nd	.004	.059
13:13-13:43	.6 21.7	.348 * -	4.05 1016.3	2.28 31.	1.77 268.	nd	nd	nd	.004	.049
13:18-13:48	.6 21.0	.199 * -	3.92 1016.2	2.15 30.	1.78 267.	nd	nd	nd	.005	.042
13:23-13:53	.6 20.6	.042 * -	3.87 1016.2	2.09 30.	1.78 268.	nd	nd	nd	.005	.040

Statistics	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
Units	ppm d C	ppm %-rel	ppm mbar-msl	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	W/cm^2
Arith. Mean	.67 21.7	.2670 -	4.175 1016.4	2.391 -	1.786 -	.005	.005	.006	.005	.0614
Std. Dev.	.09 1.5	.3928 -	.473 .3	.448 -	.102 -	.001	.000	.002	.001	.0291
Geo. Mean	.66 -	.0948 -	4.151 -	2.354 -	1.783 -	.005	.005	.006	.004	-
Geo.Std.Dev	1.15 -	3.9989 -	1.114 -	1.190 -	1.058 -	1.128	1.000	1.385	1.477	-
Min Reading	.50 20.2	.0237 -	3.430 1016.1	1.750 15.5	1.593 232.0	.005	.005	.005	.002	.0292
Max Reading	.88 24.5	1.2142 -	5.898 1016.9	3.996 45.6	2.010 312.3	.013	.005	.013	.008	.1103
Min Average	.60 20.6	.0419 -	3.867 1016.2	2.090 26.9	1.771 265.9	.005	.005	.005	.004	.0401
Max Average	.75 23.0	.5392 -	4.533 1016.7	2.734 31.5	1.795 276.4	.005	.005	.006	.005	.0838
# Valid Rds	66. 66.	66. 0.	66. 66.	66. 66.	66. 66.	66.	66.	66.	66.	66.
Min.Det.Lev	.10 -	.0020 -	.100 950.0	.100 -	.100 -	.010	.010	.010	.004	-
1/2hr Std	5.20 -	.0270 -	- -	- -	- -	.270	-	-	.100	-

- Invalid Data / Not Calculated

nd Average is less than Min. Detectable Level

m One or more readings Missing

\* Average is above Provincial Std/Criteria

Percent Valid Data Required for Valid Average: 90.0 %

Averaging Started at Nearest: .0 min

DRYDEN\_BSC : C001

Start: 85/07/11 13:57 Scan: 60 sec  
 Average: 30.00 min Report: 10.00 min  
 Loc: Merging of the four CxSx monitoring periods @ lagoon

Time	CO Temp	CxSx Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
13:57-14:27	.6 20.6	.017 1015.9	3.91 26.	2.09 269.	1.82	nd	nd	nd	.008	.044
14:07-14:37	.6 20.6	.012 1015.8	3.97 24.	2.13 269.	1.85	nd	nd	.01	.008	.037
14:17-14:47	.6 20.3	.011 1015.7	3.94 22.	2.03 265.	1.92	nd	nd	nd	.009	.030
14:27-14:57	.6 19.8	.011 1015.5	4.05 18.	2.13 264.	1.93	nd	nd	.01	.008	.017
14:37-15:07	.5 19.7	.010 1015.4	3.98 15.	2.02 259.	1.97	nd	nd	.01	.009	.018
14:47-15:17	.6 20.1	.010 1015.2	4.03 13.	2.09 263.	1.94	.01	nd	.02	.008	.029
14:57-15:27	.6 20.6	.010 1015.1	4.05 14.	2.13 269.	1.94	.01	nd	.02	.009	.036
15:07-15:37	.6 21.3	.012 1014.9	4.20 15.	2.32 275.	1.89	.01	nd	.02	.009	.048
15:17-15:47	.7 21.4	.014 1014.8	4.34 20.	2.47 279.	1.87	nd	nd	.01	.010	.047
15:27-15:57	.6 21.4	.014 1014.7	4.25 23.	2.35 274.	1.90	nd	nd	.01	.009	.049
15:37-16:07	.6 21.3	.013 1014.5	4.22 24.	2.28 273.	1.94	nd	nd	.01	.009	.044
15:47-16:17	- -	- -	- -	- -	-	-	-	-	-	-
15:57-16:27	- -	- -	- -	- -	-	-	-	-	-	-
16:07-16:37	- -	- -	- -	- -	-	-	-	-	-	-
16:17-16:47	- -	- -	- -	- -	-	-	-	-	-	-
16:27-16:57	- -	- -	- -	- -	-	-	-	-	-	-

Time	CO Temp	CxSx Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
16:37-17:07	1.7 28.2	.015 1003.5	2.98 15.	1.47 315.	1.52	.02	nd	.03	.020	.084
16:47-17:17	- -	- -	- -	- -	-	-	-	-	-	-
16:57-17:27	- -	- -	- -	- -	-	-	-	-	-	-
17:07-17:37	- -	- -	- -	- -	-	-	-	-	-	-
17:17-17:47	- -	- -	- -	- -	-	-	-	-	-	-
17:27-17:57	- -	- -	- -	- -	-	-	-	-	-	-
17:37-18:07	- 26.9	.037 1013.8	24.27 4.	22.02 212.	2.19	nd	nd	.02	-	.059
17:47-18:17	- 27.1	.034 1013.6	26.76 4.	24.59 204.	2.10	nd	nd	.02	-	.062
17:57-18:27	- 27.6	.030 1013.4	25.17 4.	23.01 183.	2.08	nd	nd	.02	-	.058
18:07-18:37	- 28.3	.027 1013.2	16.97 2.	14.77 198.	2.16	nd	nd	.02	-	.044
18:17-18:47	- 27.5	.031 1013.0	17.87 3.	15.53 198.	2.29	nd	nd	.02	-	.034
18:27-18:57	- 27.2	.039 1012.9	13.29 5.	10.82 242.	2.46	nd	nd	.01	-	.039
18:37-19:07	- 26.7	.047 1012.8	14.27 6.	11.74 229.	2.53	nd	nd	nd	-	.043
18:47-19:17	- -	- -	- -	- -	-	-	-	-	-	-
18:57-19:27	- -	- -	- -	- -	-	-	-	-	-	-
19:07-19:37	- -	- -	- -	- -	-	-	-	-	-	-
19:17-19:47	- -	- -	- -	- -	-	-	-	-	-	-

Time	CO Temp	CxSx Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
19:27-19:57	.4 24.2	.006 1016.7	2.20 37.	.91 292.	1.21	nd	nd	nd	-	.068
19:37-20:07	.4 24.5	.006 1016.6	2.40 35.	1.06 300.	1.26	nd	nd	nd	-	.072
19:47-20:17	.4 24.7	.007 1016.5	2.66 33.	1.27 308.	1.33	nd	nd	.01	-	.070

Statistics	CO Temp	CO2 Barom	THC Wind-Spd	Non-CH4 Wind-Dir	Methane	NOx	NO2	NO	Ozone	SolarRad
Units	ppm d C	ppm mbar-msl	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	ppm	W/cm^2
Arith. Mean	.67 24.3	.0189 1013.4	7.542 -	5.670 -	1.851	.008	.005	.013	.011	.0520
Std. Dev.	.79 3.2	.0135 3.9	10.364 -	10.171 -	.470	.009	.001	.010	.005	.0229
Geo. Mean	.56 -	.0151 -	5.007 -	2.836 -	1.793	.006	.005	.011	.010	-
Geo.Std.Dev	1.58 -	1.9311 -	2.159 -	2.754 -	1.287	1.737	1.116	1.005	1.545	-
Min Reading	.26 19.4	.0032 1003.2	1.593 .0	.418 44.2	1.071	.005	.005	.005	.002	.0112
Max Reading	7.68 29.5	.0580 1016.9	69.514 49.2	67.476 353.2	3.347	.008	.019	.004	.022	.0935
Min Average	.36 19.7	.0063 1003.5	2.200 2.3	.914 182.9	1.205	.005	.005	.008	.008	.0169
Max Average	1.65 28.3	.0471 1016.7	26.762 37.0	24.595 315.0	2.525	.024	.005	.025	.020	.0839
# Valid Rds	243. 340.	340. 340.	340. 340.	340. 340.	340.	340.	340.	340.	179.	340.

- Invalid Data / Not Calculated  
nd Average is less than Min. Detectable Level  
m One or more readings Missing

Percent Valid Data Required for Valid Average: 90.0 %  
Averaging Started at Nearest: .0 min

DRYDEN\_85L : D001

Start: 85/07/07 12:28

Scan: 60 sec

Average: 30.00 min

Report: 10.00 min

Loc: Merging of data acquired off plant property & downwind of main lagoon

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
12:28-12:58	.6 26.9	nd 52.	1.33 1008.5	nd 9.	1.26 164.	nd	nd	nd	.010	.077
12:38-13:08	.6 26.8	nd 52.	1.34 1008.4	nd 11.	1.27 171.	nd	nd	nd	.011	.079
12:48-13:18	.7 27.3	.003 51.	1.36 1008.3	nd 9.	1.27 151.	nd	nd	nd	.011	.079
12:58-13:28	.7 27.4	.003 50.	1.35 1008.2	nd 9.	1.26 129.	nd	nd	nd	.011	.079
13:08-13:38	.8 27.8	.005 50.	1.33 1008.1	nd 10.	1.25 115.	nd	nd	nd	.011	.080
13:18-13:48	.7 26.2	.006 49.	1.31 1007.9	nd 10.	1.23 118.	nd	nd	nd	.010	.080
13:28-13:58	.7 28.9	.007 47.	1.30 1007.7	nd 10.	1.23 127.	nd	nd	nd	.010	.079
13:38-14:08	.8 29.1	.009 46.	1.32 1007.6	nd 8.	1.22 130.	nd	nd	nd	.011	.079
13:48-14:18	- -	- -	- -	- -	- -	-	-	-	-	-
13:58-14:28	- -	- -	- -	- -	- -	-	-	-	-	-
14:08-14:38	- -	- -	- -	- -	- -	-	-	-	-	-
14:18-14:48	- -	- -	- -	- -	- -	-	-	-	-	-
14:28-14:58	- 19.3	.008 79.	1.70 1011.8	.28 24.	1.42 293.	nd	nd	nd	-	.050
14:38-15:08	- 19.4	.009 78.	1.72 1011.7	.29 22.	1.43 294.	nd	nd	nd	-	.043
14:48-15:18	- 19.5	.007 78.	1.69 1011.7	.27 18.	1.42 298.	nd	nd	nd	-	.037
14:58-15:28	- 19.5	.007 76.	1.68 1011.6	.27 15.	1.42 298.	nd	nd	nd	-	.031

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
15:00-15:30	- 19.1	.005 75.	1.64 1011.5	.24 11.	1.41 309.	nd	nd	nd	-	.018
15:10-15:40	- 19.1	.011 74.	1.67 1011.5	.25 10.	1.43 305.	.02	nd	.03	-	.029
15:20-15:50	- 19.6	.010 72.	1.60 1011.5	.20 8.	1.41 295.	.03	nd	.03	-	.041
15:30-16:00	- 20.1	.011 70.	1.62 1011.5	.23 9.	1.40 285.	.03	nd	.03	-	.045
15:40-16:10	- 20.2	.006 68.	1.57 1011.4	.22 11.	1.35 277.	.01	nd	.01	-	.036
15:50-16:20	- 20.0	.008 67.	1.67 1011.3	.33 15.	1.35 292.	nd	nd	nd	-	.028
16:00-16:30	- 19.9	.011 67.	1.73 1011.3	.40 16.	1.34 295.	nd	nd	nd	-	.028
16:10-16:40	- 19.9	.013 67.	1.77 1011.3	.43 17.	1.34 305.	nd	nd	nd	-	.024
16:20-16:50	- 19.4	.009 69.	1.60 1011.3	.32 13.	1.29 318.	nd	nd	nd	-	.017
16:30-17:00	- 19.0	.005 71.	1.46 1011.3	.20 11.	1.26 330.	nd	nd	nd	-	.018
16:40-17:10	- -	- -	- -	- -	- -	-	-	-	-	-
16:50-17:20	- -	- -	- -	- -	- -	-	-	-	-	-
17:00-17:30	- -	- -	- -	- -	- -	-	-	-	-	-
17:10-17:40	- -	- -	- -	- -	- -	-	-	-	-	-
17:20-17:50	.8 17.8	.012 81.	1.63 1014.9	.29 24.	1.34 343.	nd	nd	nd	-	.053
17:30-18:00	.4 17.9	.011 83.	1.62 1015.0	.28 23.	1.34 343.	nd	nd	nd	-	.057
17:40-18:10	.4 18.3	.010 85.	1.61 1015.0	.27 21.	1.35 345.	nd	nd	nd	-	.075



Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
17:58-18:28	.4 18.6	.010 88.	1.60 1015.0	.26 22.	1.34 346.	nd	nd	nd	-	.073
18:08-18:38	.4 18.8	.010 90.	1.60 1015.0	.26 23.	1.34 343.	nd	nd	nd	-	.080
18:18-18:48	.4 18.9	.011 -	1.61 1015.0	.27 25.	1.34 337.	nd	nd	nd	-	.080
18:28-18:58	.4 19.0	.010 -	1.61 1014.9	.27 24.	1.34 339.	nd	nd	nd	-	.076
18:38-19:08	.4 19.1	.010 -	1.60 1015.0	.26 24.	1.34 341.	nd	nd	nd	-	.076
18:48-19:18	.4 19.4	.009 -	1.59 1015.0	.25 23.	1.34 347.	nd	nd	nd	-	.076
18:58-19:28	.4 19.7	.009 -	1.59 1015.0	.25 22.	1.34 341.	.02	nd	.01	-	.077
19:08-19:38	.4 19.6	.009 -	1.60 1015.0	.26 23.	1.34 342.	.02	nd	.02	-	.074
19:18-19:48	.4 19.6	.010 -	1.62 1015.0	.28 21.	1.35 339.	.02	nd	.02	-	.073
19:28-19:58	.4 19.6	.010 -	1.63 1015.0	.28 22.	1.35 345.	.02	nd	.01	-	.068
19:38-20:08	- -	- -	- -	- -	- -	-	-	-	-	-
19:48-20:18	- -	- -	- -	- -	- -	-	-	-	-	-
19:58-20:28	- -	- -	- -	- -	- -	-	-	-	-	-
20:08-20:38	- -	- -	- -	- -	- -	-	-	-	-	-
20:18-20:48	- -	- -	- -	- -	- -	-	-	-	-	-
20:28-20:58	.1 23.1	.002 56.	1.60 1019.9	.24 8.	1.36 157.	nd	nd	nd	-	.069
20:38-21:08	nd 24.5	.002 52.	1.59 1019.8	.24 7.	1.36 183.	nd	nd	nd	-	.071

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
20:48-21:18	nd 25.1	.003 50.	1.56 1019.7	.22 10.	1.35 195.	nd	nd	nd	-	.073
20:58-21:28	nd 25.4	.003 49.	1.54 1019.6	.21 14.	1.34 202.	nd	nd	nd	-	.074
21:08-21:38	nd 25.3	.003 48.	1.54 1019.4	.21 15.	1.33 207.	nd	nd	nd	-	.074
21:18-21:48	nd 25.2	.003 48.	1.53 1019.2	.21 16.	1.32 219.	nd	nd	nd	-	.073
21:28-21:58	nd 24.8	.003 49.	1.52 1019.1	.21 17.	1.31 233.	nd	nd	nd	-	.075
21:38-22:08	nd 24.4	.003 50.	1.49 1018.9	.19 18.	1.31 241.	nd	nd	nd	-	.073
21:48-22:18	nd 24.3	.003 50.	1.49 1018.8	.19 17.	1.30 240.	nd	nd	nd	-	.076
21:58-22:28	.1 24.9	.003 49.	1.49 1018.5	.19 13.	1.30 230.	nd	nd	nd	-	.076
22:08-22:38	- -	- -	- -	- -	- -	-	-	-	-	-
22:18-22:48	- -	- -	- -	- -	- -	-	-	-	-	-
22:28-22:58	- -	- -	- -	- -	- -	-	-	-	-	-
22:38-23:08	- -	- -	- -	- -	- -	-	-	-	-	-
22:48-23:18	1.2 25.6	.014 49.	1.65 1017.0	.41 34.	1.12 305.	nd	nd	nd	-	.066
22:58-23:28	1.2 25.5	.016 49.	1.66 1016.9	.42 38.	1.13 300.	nd	nd	nd	-	.061
23:08-23:38	1.4 25.5	.019 49.	1.69 1016.9	.44 39.	1.14 299.	nd	nd	nd	-	.059
23:18-23:48	.8 25.5	.019 49.	1.71 1016.8	.43 38.	1.16 301.	nd	nd	nd	-	.057
23:28-23:58	.8 25.6	.022 49.	1.76 1016.7	.46 38.	1.19 303.	nd	nd	nd	-	.058

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
23:38-00:08	.5 25.6	.022 49.	1.77 1016.5	.46 40.	1.19 303.	nd	nd	nd	-	.056
23:48-00:18	.4 25.4	.023 50.	1.78 1016.3	.48 41.	1.19 302.	nd	nd	nd	-	.050
23:58-00:28	.5 25.2	.024 51.	1.81 1016.2	.50 37.	1.20 304.	nd	nd	nd	-	.044

Statistics	CO Temp	TR5 Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
Units	ppm d C	ppm %-rel	ppm mbar-msl	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	W/cm^2
Arith. Mean	.49 22.6	.0089 62.3	1.577 1014.1	.257 -	1.304 -	.008	.005	.008	.011	.0604
Std. Dev.	.68 3.6	.0081 15.5	.167 3.7	.139 -	.088 -	.019	.002	.021	.001	.0248
Geo. Mean	.29 -	.0068 -	1.568 -	.214 -	1.301 -	.006	.005	.006	.011	-
Geo.Std.Dev	3.01 -	2.6672 -	1.111 -	1.952 -	1.070 -	1.666	1.163	1.606	1.103	-
Min Reading	.05 16.9	.0010 44.5	1.263 1007.3	.050 .0	1.048 .1	.005	.005	.005	.008	.0073
Max Reading	7.54 29.8	.1092 100.0	2.234 1019.9	.936 53.2	1.985 359.7	.344	.032	.424	.013	.1098
Min Average	.05 17.8	.0012 46.4	1.299 1007.6	.056 7.2	1.125 114.7	.005	.005	.005	.010	.0168
Max Average	1.35 29.1	.0241 90.2	1.810 1019.9	.501 41.0	1.434 346.7	.028	.007	.034	.011	.0797
# Valid Rdgs	474. 635.	635. 572.	635. 635.	635. 635.	635. 635.	635.	635.	635.	101.	635.
Min.Det.Lev	.10 -	.0020 -	.100 950.0	.100 -	.100 -	.010	.010	.010	.004	-
1/2hr Std	5.20 -	.0270 -	- -	- -	- -	.270	-	-	.100	-

- Invalid Data / Not Calculated  
nd Average is less than Min. Detectable Level  
m One or more readings Missing  
\* Average is above Provincial Std/Criteria

Percent Valid Data Required for Valid Average: 90.0 %  
Averaging Started at Nearest: .0 min

DRYDEN\_856 : 6001

Start: 85/07/07 10:12 Scan: 60 sec  
 Average: 30.00 min Report: 15.00 min  
 Loc: Merging of data acquired downwind of GLFPL...16 M.P.'s

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
10:12-10:42	.9 25.5	.006 55.	10							.064
10:27-10:57	.6 26.3	.007 53.	10							.064
10:42-11:12	.6 25.8	.006 54.	10							.065
10:57-11:27	.7 25.6	.005 55.	10							.069
11:12-11:42	.8 26.1	.005 53.	10							.072
11:27-11:57	.7 26.4	.006 53.	1006.8	5.	110.					.068
11:42-12:12	.6 27.3	.007 50.	1.39 1006.6	.11 5.	1.26 154.	nd	nd	nd	.010	.071
11:57-12:27	-	-	-	-	-	-	-	-	-	-
12:12-12:42	-	-	-	-	-	-	-	-	-	-
12:27-12:57	-	-	-	-	-	-	-	-	-	-
12:42-13:12	.5 25.6	nd -	1.89 1013.6	.48 15.	1.41 276.	nd	nd	nd	.012	.076
12:57-13:27	.5 26.0	nd -	1.92 1013.4	.50 15.	1.42 274.	nd	nd	nd	.011	.076
13:12-13:42	.5 26.7	.002 -	1.70 1013.2	.27 16.	1.43 273.	nd	nd	nd	.011	.077
13:27-13:57	.5 27.1	nd -	1.66 1013.1	.23 16.	1.43 277.	.01	.01	nd	.010	.083
13:42-14:12	.5 27.1	nd -	1.61 1013.0	.19 18.	1.42 274.	nd	nd	nd	.011	.074
13:57-14:27	-	-	-	-	-	-	-	-	-	-

DOWN WIND

Time	CD Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
14:12-14:42	-	-	-	-	-	-	-	-	-	-
14:27-14:57	-	-	-	-	-	-	-	-	-	-
14:42-15:12	-	-	-	-	-	-	-	-	-	-
14:57-15:27	.6 26.6	.015 89.	1.64 1013.0	.25 17.	1.39 306.	.01	nd	nd	.012	.047
15:12-15:42	.5 27.0	.016 89.	1.73 1012.7	.32 15.	1.41 301.	nd	nd	nd	.012	.059
15:27-15:57	.4 27.4	.016 92.	1.68 1012.5	.28 15.	1.40 306.	nd	nd	nd	.012	.064
15:42-16:12	.6 27.2	.023 95.	1.68 1012.1	.30 13.	1.38 307.	.01	nd	nd	.011	.053
15:57-16:27	.6 27.3	.020 93.	1.71 1011.8	.32 14.	1.38 298.	.01	nd	nd	.010	.053
16:12-16:42	.4 27.7	.012 90.	1.64 1011.6	.27 17.	1.37 291.	nd	nd	nd	.009	.068
16:27-16:57	.4 28.5	.011 -	1.60 1011.3	.24 15.	1.35 280.	nd	nd	nd	.009	.080
16:42-17:12	-	-	-	-	-	-	-	-	-	-
16:57-17:27	-	-	-	-	-	-	-	-	-	-
17:12-17:42	-	-	-	-	-	-	-	-	-	-
17:27-17:57	-	-	-	-	-	-	-	-	-	-
17:42-18:12	1.0 20.1	.050 * -	- 1012.8	- 30.	- 329.	.02	nd	.02	.010	.069
17:57-18:27	1.3 20.3	.056 * -	- 1012.8	- 32.	- 329.	.02	nd	.02	.010	.083
18:12-18:42	1.4 20.2	.065 * -	- 1012.8	- 33.	- 328.	.03	nd	.02	.010	.074

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
18:27-18:57	.7 20.0	.037 * -	- 1012.8	- 34.	- 320.	.02	nd	.01	.011	.073
18:42-19:12	.4 20.1	.012 -	- 1012.9	- 37.	- 312.	nd	nd	nd	.012	.084
18:57-19:27	.6 20.0	.024 -	- 1012.9	- 38.	- 324.	.02	nd	.01	.011	.086
19:12-19:42	.9 19.9	.043 * -	- 1013.0	- 38.	- 344.	.02	nd	.02	.010	.088
19:27-19:57	1.2 19.7	.056 * -	- 1013.2	- 40.	- 346.	.03	.01	.02	.010	.088
19:42-20:12	1.3 19.7	.072 * -	- 1013.0	- 38.	- 339.	.05	.01	.03	.008	.089
19:57-20:27	1.1 20.2	.058 * -	- 1013.0	- 33.	- 332.	.04	.01	.03	.009	.090
20:12-20:42	1.3 20.5	.056 * -	- 1013.2	- 32.	- 338.	.04	.01	.03	.009	.089
20:27-20:57	.9 20.4	.044 * -	- 1013.4	- 35.	- 317.	.03	.01	.02	.011	.089
20:42-21:12	.5 20.3	.017 -	- 1013.6	- 41.	- 303.	.01	nd	nd	.013	.089
20:57-21:27	.8 20.4	.028 * -	- 1013.6	- 34.	- 318.	.02	nd	.02	.012	.088
21:12-21:42	1.2 20.4	.043 * -	- 1013.6	- 32.	- 344.	.04	.02	.03	.011	.086
21:27-21:57	1.1 20.4	.044 * -	- 1013.6	- 32.	- 347.	.04	.02	.03	.010	.082
21:42-22:12	.8 20.7	.039 * -	- 1013.6	- 28.	- 338.	.04	.01	.02	.010	.081
21:57-22:27	.5 21.0	.029 * -	- 1013.6	- 25.	- 326.	.03	nd	.02	.011	.081
22:12-22:42	- -	- -	- -	- -	- -	-	-	-	-	-
22:27-22:57	- -	- -	- -	- -	- -	-	-	-	-	-

Time	CD Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
22:42-23:12	-	-	-	-	-	-	-	-	-	-
22:57-23:27	-	-	-	-	-	-	-	-	-	-
23:12-23:42	- 17.5	.103 * -	1.60 1014.8	- 28.	- 345.	.04	.01	.03	.004	.047
23:27-23:57	- 17.5	.026 74.	1.69 1014.6	- 27.	- 345.	.04	.01	.03	.005	.057
23:42-00:12	- 17.9	.020 72.	1.64 1014.4	- 28.	- 349.	.03	nd	.02	.005	.066
23:57-00:27	- 18.1	.010 72.	1.52 1014.2	- 31.	- 350.	.02	nd	.02	.006	.072
00:07-00:42	- 18.5	.007 70.	1.54 1014.1	- 31.	- 351.	.01	nd	.01	.006	.077
00:27-00:57	- 18.5	.004 69.	1.48 1014.0	- 31.	- 357.	nd	nd	nd	.005	.079
00:42-01:12	- 18.3	.009 71.	1.57 1013.9	- 30.	- 355.	.02	nd	.01	.006	.063
00:57-01:27	-	-	-	-	-	-	-	-	-	-
01:12-01:42	-	-	-	-	-	-	-	-	-	-
01:27-01:57	-	-	-	-	-	-	-	-	-	-
01:42-02:12	-	-	-	-	-	-	-	-	-	-
01:57-02:27	.5 19.3	.014 68.	1.72 1014.8	- 20.	- 324.	.02	nd	.01	.006	.076
02:12-02:42	.4 20.2	.008 65.	1.65 1014.7	- 20.	- 323.	.01	nd	.01	.006	.091
02:27-02:57	.4 19.4	.005 68.	1.65 1014.5	- 22.	- 314.	.01	nd	.01	.006	.060
02:42-03:12	.3 18.4	.004 73.	1.74 1014.5	- 23.	- 312.	nd	nd	nd	.007	.031



Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
02:57-03:27	.4 18.7	.007 72.	1.81 1014.6	- 22.	- 324.	nd	nd	nd	.007	.044
03:12-03:42	.5 19.2	.018 71.	1.87 1014.2	- 23.	- 327.	.02	nd	.01	.007	.065
03:27-03:57	.6 19.0	.022 72.	1.72 1013.2	- 24.	- 324.	.02	nd	.02	.007	.078
03:42-04:12	.9 18.6	.032 * 74.	1.80 1012.4	- 24.	- 329.	.03	.01	.02	.007	.061
03:57-04:27	1.0 18.6	.038 * 75.	1.92 1012.3	- 25.	- 331.	.03	.01	.02	.008	.057
04:12-04:42	.6 18.6	.019 83.	1.74 1012.2	- 26.	- 322.	.02	nd	.02	.008	.071
04:27-04:57	.6 18.6	.018 87.	1.80 1012.2	- 26.	- 324.	.03	nd	.02	.007	.056
04:42-05:12	- -	- -	- -	- -	- -	-	-	-	-	-
04:57-05:27	- -	- -	- -	- -	- -	-	-	-	-	-
05:12-05:42	- -	- -	- -	- -	- -	-	-	-	-	-
05:27-05:57	- -	- -	- -	- -	- -	-	-	-	-	-
05:42-06:12	.4 23.1	nd 74.	1.43 1002.7	.17 7.	1.27 6.	.01	nd	nd	-	.022
05:57-06:27	1.1 22.8	nd 74.	1.44 1002.7	.17 10.	1.27 6.	nd	nd	nd	-	.021
06:12-06:42	- -	- -	- -	- -	- -	-	-	-	-	-
06:27-06:57	- -	- -	- -	- -	- -	-	-	-	-	-
06:42-07:12	- -	- -	- -	- -	- -	-	-	-	-	-
06:57-07:27	- -	- -	- -	- -	- -	-	-	-	-	-

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
07:12-07:42	.4 19.6	.013 68.	1.78 1010.2	.40 15.	1.39 277.	.04	.01	.02	-	.019
07:27-07:57	.3 19.4	.011 68.	1.71 1010.3	.34 16.	1.38 279.	.03	.01	.02	-	.018
07:42-08:12	.3 19.0	.007 70.	1.63 1010.6	.29 19.	1.36 286.	.02	nd	.01	-	.014
07:57-08:27	.9 18.0	.005 76.	1.65 1010.7	.28 17.	1.38 287.	nd	nd	nd	-	.012
08:12-08:42	.7 17.2	.005 82.	1.59 1010.9	.22 13.	1.38 286.	nd	nd	nd	-	.014
08:27-08:57	nd 16.9	.003 88.	1.52 1010.9	.17 10.	1.35 288.	nd	nd	nd	-	.014
08:42-09:12	nd 17.0	.003 91.	1.59 1011.0	.24 8.	1.36 289.	.02	nd	.01	-	.011
08:57-09:27	nd 16.9	.004 93.	1.71 1011.1	.34 8.	1.38 291.	.03	.01	.02	-	.010
09:12-09:42	nd 16.8	.003 93.	1.61 1011.2	.25 10.	1.36 302.	.02	nd	.01	-	.022
09:27-09:57	- -	- -	- -	- -	- -	-	-	-	-	-
09:42-10:12	- -	- -	- -	- -	- -	-	-	-	-	-
09:57-10:27	- -	- -	- -	- -	- -	-	-	-	-	-
10:12-10:42	- -	- -	- -	- -	- -	-	-	-	-	-
10:27-10:57	1.8 16.4	.021 83.	2.05 1015.8	.71 13.	1.34 244.	.06	.02	.04	-	.021
10:42-11:12	1.6 16.5	.014 82.	1.79 1015.8	.46 16.	1.33 265.	.05	.02	.03	-	.022
10:57-11:27	- -	- -	- -	- -	- -	-	-	-	-	-
11:12-11:42	- -	- -	- -	- -	- -	-	-	-	-	-

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
11:27-11:57	-	-	-	-	-	-	-	-	-	-
11:42-12:12	-	-	-	-	-	-	-	-	-	-
11:57-12:27	.8 15.8	.005 90.	1.71 1015.1	.40 24.	1.31 350.	.02	nd	.01	-	.033
12:12-12:42	.9 15.6	.007 90.	1.74 1015.1	.40 18.	1.34 332.	.02	nd	.01	-	.037
12:27-12:57	1.1 16.6	.011 84.	1.74 1015.0	.41 20.	1.33 340.	.02	nd	.01	-	.052
12:42-13:12	1.0 17.6	.017 79.	1.83 1014.9	.51 22.	1.32 342.	.02	nd	.02	-	.065
12:57-13:27	.7 17.8	.011 82.	1.76 1014.9	.43 26.	1.33 345.	.02	nd	.02	-	.072
13:12-13:42	-	-	-	-	-	-	-	-	-	-
13:27-13:57	-	-	-	-	-	-	-	-	-	-
13:42-14:12	-	-	-	-	-	-	-	-	-	-
13:57-14:27	-	-	-	-	-	-	-	-	-	-
14:12-14:42	.4 17.0	.006 98.	1.57 1011.9	.29 15.	1.28 19.	.03	nd	.02	-	.007
14:27-14:57	.4 16.7	nd 99.	1.36 1012.0	nd 15.	1.29 26.	.01	nd	.01	-	.012
14:42-15:12	-	-	-	-	-	-	-	-	-	-
14:57-15:27	-	-	-	-	-	-	-	-	-	-
15:12-15:42	-	-	-	-	-	-	-	-	-	-
15:27-15:57	.3 16.2	.003 92.	1.61 1012.1	.28 20.	1.33 61.	.03	.01	.01	-	.023

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
15:42-16:12	.3 17.3	.003 87.	1.51 1011.9	.19 18.	1.33 65.	.02	.01	.01	-	.041
15:57-16:27	.2 18.6	nd 81.	1.33 1012.2	nd 18.	1.30 70.	.02	nd	nd	-	.049
16:12-16:42	.2 19.5	nd 76.	1.28 1012.6	nd 20.	1.29 71.	.01	nd	nd	-	.052
16:27-16:57	.2 20.6	nd 72.	1.26 1012.7	nd 17.	1.29 74.	nd	nd	nd	-	.057
16:42-17:12	- -	- -	- -	- -	- -	-	-	-	-	-
16:57-17:27	- -	- -	- -	- -	- -	-	-	-	-	-
17:12-17:42	- -	- -	- -	- -	- -	-	-	-	-	-
17:27-17:57	- -	- -	- -	- -	- -	-	-	-	-	-
17:42-18:12	1.1 23.3	.009 60.	1.44 1012.7	.19 12.	1.28 77.	.02	nd	nd	-	.068
17:57-18:27	1.1 23.6	- 59.	1.33 1012.6	.12 10.	1.27 83.	.01	nd	nd	-	.069
18:12-18:42	1.1 24.6	- 56.	1.35 1012.5	.14 9.	1.27 78.	nd	nd	nd	-	.080
18:27-18:57	.8 25.4	.007 54.	1.46 1012.4	.16 11.	1.32 54.	.01	nd	nd	-	.075
18:42-19:12	1.4 25.9	.002 51.	1.55 1012.2	.22 11.	1.35 46.	.01	nd	nd	-	.072
18:57-19:27	1.5 26.1	nd 50.	1.43 1012.2	.18 8.	1.29 49.	.01	nd	nd	-	.069
19:12-19:42	.8 26.5	.002 49.	1.30 1012.2	nd 7.	1.27 48.	nd	nd	nd	-	.066
19:27-19:57	- -	- -	- -	- -	- -	-	-	-	-	-
19:42-20:12	- -	- -	- -	- -	- -	-	-	-	-	-

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
19:57-20:27	-	-	-	-	-	-	-	-	-	-
20:12-20:42	-	-	-	-	-	-	-	-	-	-
20:27-20:57	1.2 25.8	.032 * 49.	1.83 1016.7	.63 16.	1.11 287.	.03	.01	.02	-	.035
20:42-21:12	1.0 25.9	.009 48.	1.43 1016.5	.22 21.	1.08 293.	.02	nd	.01	-	.034
20:57-21:27	-	-	-	-	-	-	-	-	-	-
21:12-21:42	-	-	-	-	-	-	-	-	-	-
21:27-21:57	-	-	-	-	-	-	-	-	-	-
21:42-22:12	- 21.0	.004 -	1.43 1018.5	.15 15.	1.16 295.	.03	.01	.02	-	.076
21:57-22:27	- 21.2	.004 -	1.41 1018.4	.14 15.	1.15 291.	.04	.02	.02	-	.079
22:12-22:42	- 21.8	.008 -	1.44 1018.3	.17 16.	1.14 294.	.03	.02	.01	-	.080
22:27-22:57	- 22.4	.006 -	1.42 1018.1	.17 15.	1.12 293.	.03	.02	.01	-	.082
22:42-23:12	- 22.7	.004 -	1.42 1017.9	.17 14.	1.12 291.	.03	.01	.01	-	.083
22:57-23:27	- 23.0	.007 -	1.50 1017.6	.24 14.	1.13 281.	.04	.02	.02	-	.084
23:12-23:42	- 22.9	.006 -	1.56 1017.5	.31 16.	1.13 266.	.06	.02	.03	-	.085
23:27-23:57	- 22.7	.006 88.	1.56 1017.3	.32 17.	1.12 262.	.07	.03	.05	-	.086
23:42-00:12	- 22.9	.007 88.	1.56 1017.0	.33 18.	1.11 265.	.07	.03	.04	-	.082
23:57-00:27	- 23.1	.006 87.	1.51 1016.7	.28 14.	1.12 276.	.05	.02	.03	-	.077

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
05/07/09 00:12-00:42	- 23.3	.010 87.	1.48 1016.5	.25 13.	1.11 283.	.05	.02	.03	-	.077
00:27-00:57	- -	- -	- -	- -	- -	-	-	-	-	-
00:42-01:12	- -	- -	- -	- -	- -	-	-	-	-	-
00:57-01:27	- -	- -	- -	- -	- -	-	-	-	-	-
01:12-01:42	- -	- -	- -	- -	- -	-	-	-	-	-
01:27-01:57	- 13.2	.004 -	1.33 1013.1	nd 35.	1.14 317.	.02	nd	nd	-	.054
01:42-02:12	- 13.4	.007 -	1.40 1013.2	.15 31.	1.13 315.	.02	.01	.01	-	.057
01:57-02:27	- 14.5	.013 -	1.38 1013.3	.20 31.	1.06 337.	.04	.02	.02	-	.067
02:12-02:42	- 15.2	.011 -	1.24 1013.3	.12 34.	1.04 352.	.04	.01	.02	-	.061
02:27-02:57	- 14.9	.010 -	1.30 1013.4	.16 30.	1.05 343.	.03	.01	.01	-	.056
02:42-03:12	- 15.1	.024 -	1.46 1013.5	.31 28.	1.05 335.	.04	.01	.02	-	.074
02:57-03:27	- 15.6	- -	- 1013.5	- 26.	- 330.	-	-	-	-	.087
03:12-03:42	- 15.1	- -	- 1013.5	- 28.	- 315.	-	-	-	-	.069
03:27-03:57	- 15.3	.006 0.	- 1013.4	- 30.	- 322.	.03	.01	.01	-	.074

Statistics	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
Units	ppm d C	ppm %-rel	ppm mbar-msl	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	W/cm^2
Arith. Mean	.73 20.7	.0165 74.4	1.593 1012.9	.270 -	1.273 -	.023	.010	.015	.009	.0585
Std. Dev.	1.03 4.0	.0302 20.2	.296 3.0	.266 -	.113 -	.021	.008	.013	.003	.0291
Geo. Mean	.48 -	.0065 -	1.569 -	.184 -	1.267 -	.016	.008	.011	.008	-
Geo.Std.Dev	2.49 -	3.9508 -	1.184 -	2.449 -	1.096 -	2.471	1.877	2.193	1.497	-
Min Reading	.05 12.4	.0010 .0	1.062 999.6	.050 .0	1.003 .2	.005	.005	.005	.002	.0030
Max Reading	23.10 29.3	.3065 100.0	3.803 1018.7	2.576 62.2	1.657 359.9	.162	.052	.110	.018	.1170
Min Average	.05 13.2	.0010 .0	1.242 1002.7	.052 4.3	1.035 5.7	.006	.005	.005	.004	.0068
Max Average	1.82 28.5	.1031 99.5	2.049 1018.5	.710 41.0	1.430 357.5	.074	.027	.047	.013	.0910
# Valid Rds	1674. 2182.	2165. 1590.	1827. 2182.	1491. 2182.	1491. 2182.	2174.	2174.	2174.	1017.	2182.
Min.Det.Lev	.10 -	.0020 -	.100 950.0	.100 -	.100 -	.010	.010	.010	.004	-
1/2hr Std	5.20 -	.0270 -	- -	- -	- -	.270	-	-	.100	-

- Invalid Data / Not Calculated

nd Average is less than Min. Detectable Level

m One or more readings Missing

\* Average is above Provincial Std/Criteria

Percent Valid Data Required for Valid Average: 90.0 %  
Averaging Started at Nearest: .0 min

DRYDEN\_B5A : M001

Start: 85/07/06 14:42 Scan: 300 sec  
 Average: 30.00 min Report: 15.00 min  
 Loc: Merging of all data acquired at MNR site .... 15 M.P.'s

Time	CO Temp	TR5 Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
14:42-15:12	.4 28.7	nd 43.	1.44 1012.3	.35 18.	1.09 184.	nd	nd	nd	nd	-
14:57-15:27	.4 28.3	.003 44.	1.40 1012.0	.35 20.	1.04 189.	nd	nd	nd	nd	-
15:12-15:42	.4 28.5	.007 43.	1.37 1012.0	.34 17.	1.02 173.	nd	nd	nd	nd	-
15:27-15:57	.5 28.7	.008 42.	1.38 1012.0	.37 16.	1.01 155.	nd	nd	nd	.004	-
15:42-16:12	.5 29.4	.009 41.	1.39 1011.7	.40 16.	.99 145.	nd	nd	nd	.005	-
15:57-16:27	.5 29.1	.011 42.	1.42 1011.2	.44 15.	.98 145.	nd	nd	nd	.006	-
16:12-16:42	.5 29.2	.011 44.	1.41 1011.0	.43 14.	.97 148.	nd	nd	nd	.004	-
16:27-16:57	.6 27.6	.011 46.	1.37 1010.9	.40 14.	.97 143.	nd	nd	nd	nd	-
16:42-17:12	.6 27.4	.010 46.	1.36 1010.4	.39 14.	.97 141.	nd	nd	nd	nd	-
16:57-17:27	.5 28.9	.009 47.	1.36 1010.0	.38 14.	.98 148.	nd	nd	nd	nd	-
17:12-17:42	.5 28.2	.008 49.	1.36 1009.8	.37 14.	.98 147.	nd	nd	nd	nd	-
17:27-17:57	.5 25.8	.007 51.	1.37 1009.3	.39 15.	.98 149.	nd	nd	nd	nd	-
17:42-18:12	.5 25.7	.006 51.	1.36 1009.0	.38 18.	.98 153.	nd	nd	nd	nd	-
17:57-18:27	.4 26.1	.006 50.	1.34 1009.0	.37 18.	.97 151.	nd	nd	nd	nd	-
18:12-18:42	.4 27.2	.007 48.	1.32 1009.0	.35 18.	.96 145.	nd	nd	nd	nd	-
18:27-18:57	.5 27.4	.007 47.	1.32 1008.9	.37 18.	.94 138.	nd	nd	nd	nd	-



Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
18:42-19:12	.5 26.9	.008 48.	1.33 1008.8	.40 17.	.93 132.	nd	nd	nd	nd	-
18:57-19:27	.5 26.7	.008 48.	1.32 1008.4	.39 17.	.93 131.	nd	nd	nd	nd	-
19:12-19:42	.5 26.4	.008 49.	1.32 1008.1	.39 16.	.92 128.	nd	nd	nd	nd	-
19:27-19:57	.5 25.8	.008 50.	1.32 1008.1	.40 15.	.92 123.	nd	nd	nd	nd	-
19:42-20:12	.6 25.5	.008 52.	1.35 1008.0	.43 12.	.92 125.	nd	nd	nd	nd	-
19:57-20:27	.7 25.1	.008 53.	1.36 1008.0	.43 10.	.92 125.	nd	nd	nd	nd	-
20:12-20:42	.6 24.5	.006 54.	1.35 1008.0	.41 9.	.93 121.	nd	nd	nd	nd	-
20:27-20:57	.6 23.6	.005 57.	1.34 1008.0	.40 9.	.93 107.	nd	nd	nd	nd	-
20:42-21:12	.5 23.0	.004 59.	1.31 1008.0	.38 10.	.93 96.	nd	nd	nd	nd	-
20:57-21:27	.4 22.5	.002 61.	1.31 1008.0	.36 11.	.94 96.	nd	nd	nd	nd	-
21:12-21:42	.4 22.2	nd 61.	1.31 1008.0	.36 14.	.95 100.	nd	nd	nd	nd	-
21:27-21:57	.4 22.0	nd 61.	1.32 1008.0	.36 16.	.96 105.	nd	nd	nd	nd	-
21:42-22:12	.3 21.9	nd 61.	1.31 1008.0	.35 18.	.96 110.	nd	nd	nd	nd	-
21:57-22:27	.3 21.8	nd 62.	1.32 1008.0	.35 20.	.97 118.	nd	nd	nd	nd	-
22:12-22:42	.3 21.7	nd 62.	1.31 1008.0	.33 22.	.98 124.	nd	nd	nd	nd	-
22:27-22:57	.2 21.5	nd 63.	1.29 1008.0	.30 23.	.99 127.	nd	nd	nd	nd	-
22:42-23:12	.2 21.5	nd 63.	1.29 1008.0	.29 23.	.99 129.	nd	nd	nd	nd	-

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
22:57-23:27	.2 21.4	nd 63.	1.30 1008.0	.30 22.	1.00 133.	nd	nd	nd	nd	-
23:12-23:42	.2 21.3	nd 63.	1.30 1008.0	.30 23.	1.00 132.	nd	nd	nd	nd	-
23:27-23:57	.2 21.2	nd 64.	1.31 1008.0	.31 24.	1.00 130.	nd	nd	nd	nd	-
23:42-00:12	.2 21.0	nd 64.	1.30 1008.0	.30 25.	1.00 132.	nd	nd	nd	nd	-
23:57-00:27	.1 20.8	nd 65.	1.29 1008.0	.29 28.	1.01 133.	nd	nd	nd	nd	-
05/07/07										
00:12-00:42	.1 20.5	nd 66.	1.29 1008.0	.28 27.	1.01 136.	nd	nd	nd	nd	-
00:27-00:57	.1 20.1	nd 68.	1.28 1008.0	.27 26.	1.01 134.	nd	nd	nd	nd	-
00:42-01:12	nd 19.7	nd 69.	1.28 1008.0	.27 26.	1.01 128.	nd	nd	nd	nd	-
00:57-01:27	nd 19.2	nd 71.	1.28 1008.0	.27 29.	1.00 124.	nd	nd	nd	nd	-
01:12-01:42	nd 18.8	nd 73.	1.29 1008.0	.28 31.	1.01 129.	nd	nd	nd	nd	-
01:27-01:57	nd 18.7	nd 73.	1.30 1008.1	.28 29.	1.02 137.	nd	nd	nd	nd	-
01:42-02:12	nd 18.7	nd 73.	1.30 1008.5	.26 25.	1.03 140.	nd	nd	nd	nd	-
01:57-02:27	nd 18.7	nd 73.	1.30 1009.0	.26 19.	1.03 132.	nd	nd	nd	nd	-
02:12-02:42	nd 18.5	nd 74.	1.30 1009.0	.27 19.	1.04 131.	nd	nd	nd	nd	-
02:27-02:57	nd 18.2	nd 75.	1.30 1009.0	.26 24.	1.04 132.	nd	nd	nd	nd	-
02:42-03:12	nd 17.9	nd 77.	1.29 1009.0	.25 26.	1.04 131.	nd	nd	nd	.004	-
02:57-03:27	nd 17.7	nd 78.	1.29 1009.0	.25 25.	1.05 134.	nd	nd	nd	.005	-

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
03:12-03:42	nd 17.4	nd 79.	1.29 1009.0	.24 26.	1.05 134.	nd	nd	nd	.005	-
03:27-03:57	nd 17.2	nd 81.	1.30 1009.0	.24 30.	1.06 142.	nd	nd	nd	.005	-
03:42-04:12	nd 17.1	nd 84.	1.31 1009.1	.23 33.	1.07 146.	nd	nd	nd	.006	-
03:57-04:27	nd 17.0	nd 86.	1.30 1009.5	.24 32.	1.06 146.	nd	nd	nd	.005	-
04:12-04:42	nd 16.9	nd 86.	1.28 1009.8	.24 26.	1.04 149.	nd	nd	nd	.004	-
04:27-04:57	nd 16.8	nd 85.	1.28 1009.8	.24 22.	1.04 151.	nd	nd	nd	.005	-
04:42-05:12	nd 16.8	nd 85.	1.32 1009.9	.26 21.	1.06 153.	nd	nd	nd	.006	-
04:57-05:27	nd 16.8	nd 85.	1.31 1010.0	.26 21.	1.05 153.	nd	nd	nd	.004	-
05:12-05:42	nd 17.0	nd 86.	1.26 1010.0	.23 20.	1.03 151.	nd	nd	nd	.004	-
05:27-05:57	nd 17.1	nd 85.	1.27 1010.0	.23 18.	1.03 152.	nd	nd	nd	.006	-
05:42-06:12	nd 17.3	nd 83.	1.31 1010.0	.26 15.	1.05 155.	nd	nd	nd	.006	-
05:57-06:27	nd 16.0	nd 79.	1.30 1010.0	.26 15.	1.04 152.	nd	nd	nd	.005	-
06:12-06:42	nd 18.6	nd 76.	1.26 1010.0	.24 16.	1.02 150.	nd	nd	nd	.005	-
06:27-06:57	nd 19.2	nd 73.	1.27 1010.0	.25 13.	1.02 150.	nd	nd	nd	.005	-
06:42-07:12	nd 19.9	nd 69.	1.30 1010.0	.25 9.	1.05 149.	nd	nd	nd	.005	-
06:57-07:27	nd 20.9	nd 66.	1.32 1010.1	.26 9.	1.06 149.	nd	nd	nd	.005	-
07:12-07:42	nd 21.6	nd 64.	1.31 1010.1	.27 10.	1.05 146.	nd	nd	nd	.006	-

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
07:27-07:57	nd 22.1	nd 63.	1.31 1010.5	.27 9.	1.04 146.	nd	nd	nd	.005	-
07:42-08:12	nd 22.2	nd 63.	1.29 1011.0	.26 10.	1.03 160.	nd	nd	nd	.006	-
07:57-08:27	- -	- -	- -	- -	- -	-	-	-	-	-
08:12-08:42	- -	- -	- -	- -	- -	-	-	-	-	-
08:27-08:57	- -	- -	- -	- -	- -	-	-	-	-	-
08:42-09:12	- -	- -	- -	- -	- -	-	-	-	-	-
08:57-09:27	- -	- -	- -	- -	- -	-	-	-	-	-
09:12-09:42	- -	- -	- -	- -	- -	-	-	-	-	-
09:27-09:57	- 31.8	- 40.	1.35 1007.5	.21 10.	1.14 141.	nd	nd	nd	.011	.072
09:42-10:12	- 31.4	- 41.	1.33 1007.1	.19 11.	1.14 141.	nd	nd	nd	.012	.069
09:57-10:27	- 31.2	- 41.	1.36 1007.0	.23 9.	1.13 151.	nd	nd	nd	.012	.067
10:12-10:42	- 31.2	- 41.	1.39 1006.7	.27 7.	1.12 176.	nd	nd	nd	.013	.065
10:27-10:57	- 30.3	- 43.	1.41 1006.3	.30 9.	1.11 201.	nd	nd	nd	.013	.062
10:42-11:12	- 29.4	- 45.	1.47 1006.0	.36 10.	1.10 205.	nd	nd	nd	.013	.058
10:57-11:27	- 29.6	- 44.	1.52 1005.8	.41 9.	1.10 189.	nd	nd	nd	.013	.054
11:12-11:42	- 29.6	- 44.	1.53 1005.3	.42 9.	1.10 188.	nd	nd	nd	.012	.052
11:27-11:57	- 29.7	- 45.	1.53 1005.0	.43 8.	1.10 199.	nd	nd	nd	.011	.050

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
11:42-12:12	- 29.6	- 45.	1.52 1004.5	.42 9.	1.10 199.	nd	nd	nd	.011	.046
11:57-12:27	- 29.4	- 45.	1.68 1004.0	.58 11.	1.10 191.	nd	nd	nd	.011	.043
12:12-12:42	- 29.2	- 46.	1.75 1004.0	.64 9.	1.10 191.	nd	nd	nd	.011	.039
12:27-12:57	- 28.9	- 46.	1.59 1003.9	.48 10.	1.10 208.	nd	nd	nd	.011	.036
12:42-13:12	- 28.6	- 47.	1.54 1003.6	.43 11.	1.11 230.	nd	nd	nd	.011	.029
12:57-13:27	- 28.3	- 48.	1.50 1003.7	.38 11.	1.11 262.	nd	nd	nd	.010	.017
13:12-13:42	- 27.5	- 51.	1.47 1003.6	.35 11.	1.12 278.	nd	nd	nd	.010	.008
13:27-13:57	- 27.1	- 52.	1.59 1003.1	.45 6.	1.14 254.	.01	.01	nd	.009	.004
13:42-14:12	- 27.2	- 53.	1.62 1003.0	.46 2.	1.15 172.	.01	.01	nd	.008	.004
13:57-14:27	- 25.9	- 60.	1.51 1003.0	.34 4.	1.16 71.	nd	nd	nd	.006	.003
14:12-14:42	- 22.7	- 75.	1.47 1003.2	.30 11.	1.17 12.	nd	.01	nd	.004	.001
14:27-14:57	- 20.1	- 85.	1.53 1003.2	.34 8.	1.18 296.	.01	.01	nd	nd	.001
14:42-15:12	- 19.5	- 88.	1.51 1003.0	.31 15.	1.20 206.	.01	.01	nd	.005	.001
14:57-15:27	- 19.8	- 87.	1.43 1002.9	.24 13.	1.19 181.	.01	.01	nd	.004	.002
15:12-15:42	- 20.4	- 85.	1.43 1002.8	.23 14.	1.20 183.	.01	.01	nd	nd	.002
15:27-15:57	- 20.8	- 81.	1.42 1002.8	.21 15.	1.21 188.	nd	nd	nd	.005	.002
15:42-16:12	- 21.1	- 78.	1.48 1003.0	.25 8.	1.23 188.	nd	nd	nd	.006	.000

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
15:57-16:27	- 21.1	- 77.	1.46 1003.0	.21 4.	1.24 104.	nd	nd	nd	.006	.000
16:12-16:42	- 20.7	- 78.	1.39 1003.8	.13 12.	1.26 18.	nd	nd	nd	.006	.000
16:27-16:57	- 20.1	- 82.	1.40 1004.8	.13 14.	1.26 345.	nd	nd	nd	.007	.000
16:42-17:12	- 19.6	- 86.	1.40 1005.0	.14 6.	1.27 342.	nd	nd	nd	.008	.000
16:57-17:27	- 19.4	- 89.	1.40 1005.2	.13 3.	1.27 20.	nd	nd	nd	.007	.000
17:12-17:42	- 19.3	- 91.	1.44 1005.7	.15 0.	1.28 87.	nd	nd	nd	.006	.000
17:27-17:57	- 19.4	- 91.	1.55 1006.2	.25 0.	1.31 32.	.01	.01	nd	nd	.000
17:42-18:12	- 19.2	- 90.	1.58 1006.7	.23 0.	1.35 54.	.01	.01	nd	nd	.000
17:57-18:27	- 18.7	- 90.	1.50 1007.0	.14 4.	1.35 285.	nd	nd	nd	nd	.000
18:12-18:42	- 18.4	- 91.	1.46 1007.5	.13 9.	1.34 285.	nd	nd	nd	nd	.000
18:27-18:57	- 18.4	- 91.	1.46 1008.0	.12 11.	1.34 289.	nd	nd	nd	nd	.000
18:42-19:12	- 18.3	- 92.	1.47 1008.1	.12 10.	1.35 299.	nd	nd	nd	nd	.000
18:57-19:27	- 18.0	- 95.	1.48 1008.5	.13 9.	1.36 306.	nd	nd	nd	nd	.000
19:12-19:42	- 17.6	- 98.	1.48 1009.0	.12 10.	1.36 306.	nd	nd	nd	nd	.000
19:27-19:57	- 17.3	- 100.	1.45 1009.3	nd 9.	1.36 307.	nd	nd	nd	nd	.000
19:42-20:12	- 16.9	- 100.	1.43 1009.8	nd 5.	1.33 308.	nd	nd	nd	nd	.000
19:57-20:27	- 16.5	- 100.	1.41 1010.0	nd 6.	1.31 293.	nd	nd	nd	nd	.000

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Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
20:12-20:42	- 16.2	- -	1.41 1010.3	nd 6.	1.31 291.	nd	nd	nd	nd	.000
20:27-20:57	- 15.7	- -	1.41 1010.8	nd 5.	1.31 298.	nd	nd	nd	.004	.000
20:42-21:12	- 15.2	- -	1.39 1011.0	nd 8.	1.30 295.	nd	nd	nd	.006	.000
20:57-21:27	- 14.8	- -	1.40 1011.1	nd 10.	1.31 293.	nd	nd	nd	.007	.000
21:12-21:42	- 14.6	- -	1.41 1011.5	nd 10.	1.31 290.	nd	nd	nd	.007	.000
21:27-21:57	- 14.5	- -	1.42 1011.9	.10 9.	1.31 286.	nd	nd	nd	.007	.000
21:42-22:12	- 14.4	- -	1.43 1012.0	.11 7.	1.32 283.	nd	nd	nd	.005	.000
21:57-22:27	- 14.3	- -	1.44 1012.0	.12 4.	1.33 285.	nd	nd	nd	nd	.000
22:12-22:42	- 14.1	- -	1.46 1012.5	.12 3.	1.33 286.	nd	nd	nd	.005	.000
22:27-22:57	- 14.0	- -	1.47 1012.9	.13 6.	1.34 281.	nd	nd	nd	.007	.000
22:42-23:12	- 13.8	- -	1.47 1013.0	.13 9.	1.34 282.	nd	nd	nd	.007	.000
22:57-23:27	- 13.5	- -	1.45 1013.3	.12 9.	1.33 281.	nd	nd	nd	.005	.000
23:12-23:42	- 13.4	- -	1.46 1013.7	.13 10.	1.33 276.	nd	nd	nd	nd	.000
23:27-23:57	- 13.5	- -	1.48 1014.0	.14 11.	1.34 276.	nd	nd	nd	nd	.000
23:42-00:12	- 13.4	- -	1.50 1014.1	.14 10.	1.36 282.	nd	nd	nd	nd	.000
23:57-00:27	- 13.6	- -	1.49 1014.6	.14 8.	1.35 287.	nd	nd	nd	nd	.002
05/07/08 00:12-00:42	- 14.5	- -	1.45 1015.0	.11 7.	1.34 290.	nd	nd	nd	.004	.004

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
00:27-00:57	- 15.4	- -	1.46 1015.0	nd 5.	1.34 293.	nd	nd	nd	nd	.007
00:42-01:12	- 15.8	- -	1.46 1015.0	nd 3.	1.35 295.	nd	nd	nd	nd	.009
00:57-01:27	- 16.0	- -	1.45 1015.0	nd 3.	1.36 296.	nd	nd	nd	nd	.012
01:12-01:42	- 17.0	- -	1.45 1015.4	nd 4.	1.36 299.	nd	nd	nd	nd	.015
01:27-01:57	- 18.3	- -	1.47 1015.8	.10 5.	1.35 303.	nd	nd	nd	nd	.019
01:42-02:12	- 19.0	- -	1.50 1016.0	.15 5.	1.35 309.	nd	nd	nd	nd	.024
01:57-02:27	- 19.4	- -	1.48 1016.0	.14 6.	1.35 312.	nd	nd	nd	.005	.028
02:12-02:42	- 20.0	- -	1.50 1016.0	.16 6.	1.34 306.	nd	nd	nd	.006	.031
02:27-02:57	- -	- -	- -	- -	- -	-	-	-	-	-
02:42-03:12	- -	- -	- -	- -	- -	-	-	-	-	-
02:57-03:27	- -	- -	- -	- -	- -	-	-	-	-	-
03:12-03:42	- -	- -	- -	- -	- -	-	-	-	-	-
03:27-03:57	- -	- -	- -	- -	- -	-	-	-	-	-
03:42-04:12	- -	- -	- -	- -	- -	-	-	-	-	-
03:57-04:27	.3 20.8	nd -	- 1014.9	- 30.	- 306.	nd	nd	nd	.010	.037
04:12-04:42	.3 20.6	nd -	- 1015.0	- 31.	- 316.	nd	nd	nd	.010	.059
04:27-04:57	.3 21.0	nd -	- 1015.0	- 33.	- 313.	nd	nd	nd	.010	.063



Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
04:42-05:12	.3 20.7	nd -	- 1015.0	- 31.	- 302.	nd	nd	nd	.010	.051
04:57-05:27	.3 20.6	nd -	- 1014.8	- 32.	- 304.	nd	nd	nd	.011	.052
05:12-05:42	.3 21.1	nd -	- 1014.5	- 33.	- 308.	nd	nd	nd	.010	.058
05:27-05:57	.3 21.0	nd -	- 1014.2	- 32.	- 309.	nd	nd	nd	.010	.050
05:42-06:12	.3 20.7	nd -	- 1014.0	- 31.	- 307.	nd	nd	nd	.011	.043
05:57-06:27	.3 20.4	nd -	- 1014.0	- 35.	- 299.	nd	nd	nd	.011	.040
06:12-06:42	.3 19.9	nd -	- 1014.0	- 31.	- 299.	nd	nd	nd	.011	.032
06:27-06:57	.3 19.8	nd -	- 1014.0	- 23.	- 309.	nd	nd	nd	.010	.023
06:42-07:12	.3 20.1	nd -	- 1014.0	- 26.	- 303.	nd	nd	nd	.010	.025
06:57-07:27	.3 19.8	nd -	- 1014.0	- 33.	- 295.	nd	nd	nd	.011	.029
07:12-07:42	.3 19.6	nd -	- 1014.0	- 33.	- 297.	nd	nd	nd	.010	.024
07:27-07:57	.3 19.2	nd -	- 1014.0	- 30.	- 300.	nd	nd	nd	.010	.019
07:42-08:12	.3 18.6	nd -	- 1014.0	- 26.	- 302.	nd	nd	nd	.010	.013
07:57-08:27	.3 18.0	nd -	- 1014.0	- 21.	- 299.	nd	nd	nd	.010	.009
08:12-08:42	.3 17.1	nd -	- 1014.0	- 19.	- 297.	nd	nd	nd	.010	.005
08:27-08:57	.3 16.1	nd -	- 1014.0	- 17.	- 294.	nd	nd	nd	.011	.002
08:42-09:12	.3 15.3	nd -	- 1014.0	- 10.	- 295.	nd	nd	nd	.010	.002

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
08:57-09:27	.3 14.4	nd -	- 1014.0	- 5.	- 292.	nd	nd	nd	.009	.000
09:12-09:42	.4 13.9	nd -	- 1014.0	- 4.	- 282.	nd	nd	nd	.009	.000
09:27-09:57	.4 13.5	nd -	- 1014.0	- 2.	- 284.	nd	nd	nd	.008	.000
09:42-10:12	.5 12.8	nd -	- 1014.0	- 0.	- 132.	nd	nd	nd	.005	.000
09:57-10:27	.6 12.0	nd -	- 1014.0	- 0.	- 139.	.02	.01	nd	nd	.000
10:12-10:42	.5 11.1	nd -	- 1014.0	- 0.	- 168.	.02	.01	.01	nd	.000
10:27-10:57	.6 10.2	nd -	- 1014.0	- 0.	- 197.	.02	.01	.01	nd	.000
10:42-11:12	.7 9.7	nd -	- 1014.0	- 0.	- 189.	.02	nd	.01	nd	.000
10:57-11:27	.6 9.5	nd -	- 1014.0	- 0.	- 164.	.02	nd	nd	nd	.000
11:12-11:42	.5 9.3	nd -	- 1014.0	- 0.	- 149.	.01	.01	nd	nd	.000
11:27-11:57	.5 9.2	nd -	- 1014.1	- 0.	- 149.	.02	.01	nd	nd	.000
11:42-12:12	.4 9.1	nd -	- 1014.1	- 0.	- 139.	.01	.01	nd	nd	.000
11:57-12:27	.4 9.2	nd -	- 1014.0	- 0.	- 129.	.01	.01	nd	nd	.000
12:12-12:42	.4 9.2	nd -	- 1014.1	- 0.	- 122.	.01	.01	nd	nd	.000
12:27-12:57	.4 9.1	nd -	- 1014.1	- 0.	- 295.	.01	.01	nd	nd	.000
12:42-13:12	.4 8.9	nd -	- 1014.0	- 0.	- 296.	.01	.01	nd	nd	.000
12:57-13:27	.4 8.7	nd -	- 1014.0	- 0.	- 306.	.01	.01	nd	nd	.000

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
13:12-13:42	.4 8.7	nd -	- 1014.1	- 0.	- 301.	nd	.01	nd	nd	.000
13:27-13:57	.3 8.5	nd -	- 1014.2	- 0.	- 145.	nd	nd	nd	nd	.000
13:42-14:12	.3 8.4	nd -	- 1014.1	- 0.	- 285.	nd	nd	nd	nd	.000
13:57-14:27	.3 8.3	nd -	- 1014.0	- 1.	- 305.	nd	nd	nd	nd	.000
14:12-14:42	.3 8.0	nd -	- 1014.0	- 1.	- 308.	nd	nd	nd	nd	.000
14:27-14:57	.3 7.7	nd -	- 1014.1	- 0.	- 317.	nd	nd	nd	nd	.000
14:42-15:12	.3 7.4	nd -	- 1014.1	- 0.	- 328.	nd	nd	nd	nd	.000
14:57-15:27	.3 7.0	nd -	- 1014.1	- 0.	- 335.	nd	nd	nd	nd	.000
15:12-15:42	.3 6.9	nd -	- 1014.4	- 0.	- 128.	nd	.01	nd	nd	.000
15:27-15:57	.3 6.9	nd -	- 1014.8	- 0.	- 294.	nd	.01	nd	nd	.000
15:42-16:12	.3 6.8	nd -	- 1014.9	- 0.	- 296.	nd	.01	nd	nd	.000
15:57-16:27	.3 6.5	nd -	- 1015.0	- 0.	- 292.	nd	nd	nd	nd	.000
16:12-16:42	.3 6.4	nd -	- 1015.0	- 0.	- 132.	nd	nd	nd	nd	.000
16:27-16:57	.3 6.1	nd -	- 1015.0	- 0.	- 273.	nd	nd	nd	nd	.000
16:42-17:12	.3 5.9	nd -	- 1015.0	- 0.	- 301.	nd	nd	nd	nd	.000
16:57-17:27	.3 5.6	nd -	- 1015.0	- 1.	- 305.	nd	nd	nd	nd	.000
17:12-17:42	.3 5.4	nd -	- 1015.5	- 1.	- 306.	nd	nd	nd	nd	.000

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
17:27-17:57	.3 5.9	nd -	- 1016.0	- 0.	- 301.	nd	nd	nd	nd	.001
17:42-18:12	.3 7.3	nd -	- 1016.0	- 0.	- 298.	nd	nd	nd	nd	.003
17:57-18:27	.3 6.9	nd -	- 1016.0	- 0.	- 134.	nd	nd	nd	nd	.005
18:12-18:42	.4 10.1	nd -	- 1016.2	- 0.	- 130.	nd	nd	nd	nd	.008
18:27-18:57	.4 10.5	nd -	- 1016.6	- 1.	- 298.	nd	nd	nd	nd	.011
18:42-19:12	.3 10.9	nd -	- 1016.9	- 4.	- 298.	nd	nd	nd	nd	.015
18:57-19:27	.3 12.3	nd -	- 1017.0	- 6.	- 298.	nd	nd	nd	nd	.019
19:12-19:42	.3 13.8	nd -	- 1017.0	- 8.	- 296.	nd	nd	nd	nd	.024
19:27-19:57	.3 14.5	nd -	- 1017.0	- 9.	- 296.	nd	nd	nd	nd	.029
19:42-20:12	.3 14.8	nd -	- 1017.0	- 11.	- 303.	nd	nd	nd	nd	.033
19:57-20:27	.6 14.9	nd -	- 1017.0	- 13.	- 308.	nd	nd	nd	nd	.037
20:12-20:42	- -	- -	- -	- -	- -	-	-	-	-	-
20:27-20:57	- -	- -	- -	- -	- -	-	-	-	-	-
20:42-21:12	- -	- -	- -	- -	- -	-	-	-	-	-
20:57-21:27	- 20.3	nd -	1.24 1013.9	- 33.	- 320.	nd	nd	nd	.008	.057
21:12-21:42	- 19.5	nd -	1.27 1014.0	- 35.	- 323.	nd	nd	nd	.009	.039
21:27-21:57	- 19.2	nd -	1.28 1014.0	- 34.	- 321.	nd	nd	nd	.008	.040

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
21:42-22:12	- 19.3	nd -	1.28 1014.0	- 30.	- 321.	nd	nd	nd	.009	.045
21:57-22:27	- 20.0	nd -	1.29 1014.0	- 31.	- 320.	nd	nd	nd	.009	.053
22:12-22:42	- 20.2	nd -	1.29 1013.9	- 28.	- 330.	nd	nd	nd	.008	.048
22:27-22:57	- 19.3	nd -	1.28 1013.9	- 22.	- 342.	nd	nd	nd	.008	.034
22:42-23:12	- 18.7	nd -	1.27 1013.9	- 24.	- 345.	nd	nd	nd	.009	.027
22:57-23:27	- 19.6	nd -	1.26 1013.9	- 25.	- 343.	nd	nd	nd	.008	.027
23:12-23:42	- 18.2	nd -	1.25 1014.0	- 19.	- 342.	nd	nd	nd	.008	.020
23:27-23:57	- 17.7	nd -	1.26 1014.0	- 11.	- 343.	nd	nd	nd	.008	.011
23:42-00:12	- 17.8	nd -	1.26 1014.0	- 9.	- 335.	nd	nd	nd	.007	.014
23:57-00:27	- 17.8	nd -	1.25 1014.0	- 14.	- 333.	nd	nd	nd	.007	.012
00:12-00:42	- 17.0	nd -	1.26 1014.0	- 15.	- 334.	nd	nd	nd	.007	.006
00:27-00:57	- 16.3	nd -	1.25 1014.0	- 9.	- 336.	nd	nd	nd	.007	.006
00:42-01:12	- 16.2	nd -	1.26 1014.0	- 4.	- 342.	nd	nd	nd	.007	.005
00:57-01:27	- 16.0	nd -	1.28 1014.0	- 1.	- 350.	nd	nd	nd	.007	.003
01:12-01:42	- 15.4	nd -	1.29 1014.0	- 0.	- 10.	nd	nd	nd	.007	.001
01:27-01:57	- 14.7	nd -	1.29 1014.0	- 0.	- 160.	nd	nd	nd	.006	.000
01:42-02:12	- 13.5	nd -	1.29 1014.0	- 0.	- 155.	.01	nd	nd	nd	.000

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
01:57-02:27	- 11.9	nd -	1.31 1014.0	- 0.	- 181.	.02	nd	nd	nd	.000
02:12-02:42	- 10.6	nd -	1.36 1014.1	- 0.	- 217.	nd	nd	nd	nd	.000
02:27-02:57	- 9.6	nd -	1.41 1014.3	- 0.	- 234.	.01	nd	nd	nd	.000
02:42-03:12	- 9.1	nd -	1.39 1014.6	- 0.	- 224.	.01	nd	nd	nd	.000
02:57-03:27	- 8.9	nd -	1.38 1014.8	- 0.	- 225.	.01	nd	nd	nd	.000
03:12-03:42	- 8.5	nd -	1.40 1014.9	- 0.	- 227.	.02	nd	.01	nd	.000
03:27-03:57	- 8.1	nd -	1.43 1014.9	- 0.	- 231.	.04	nd	.03	nd	.000
03:42-04:12	- 7.8	nd -	1.42 1014.9	- 0.	- 226.	.03	nd	.02	nd	.000
03:57-04:27	- 7.6	nd -	1.43 1015.0	- 0.	- 222.	.06	.01	.05	nd	.000
04:12-04:42	- 7.3	nd -	1.44 1015.0	- 0.	- 223.	.07	.01	.05	nd	.000
04:27-04:57	- 7.0	nd -	1.46 1015.0	- 0.	- 213.	.03	nd	.02	nd	.000
04:42-05:12	- 6.6	.003 -	1.56 1015.0	- 0.	- 210.	.02	nd	.01	nd	.000
04:57-05:27	- 6.3	.002 -	1.61 1015.0	- 0.	- 214.	.02	nd	.02	nd	.000
05:12-05:42	- 6.1	nd -	1.57 1015.0	- 0.	- 234.	.02	nd	.02	nd	.000
05:27-05:57	- 6.1	nd -	1.59 1015.0	- 0.	- 232.	.02	nd	.01	nd	.000
05:42-06:12	- 6.1	.003 -	1.61 1015.0	- 0.	- 215.	.02	nd	.01	nd	.000
05:57-06:27	- 5.8	.005 -	1.62 1015.0	- 0.	- 225.	.02	nd	.02	nd	.000

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
06:12-06:42	- 5.5	.007 -	1.64 1015.0	- 0.	- 223.	.02	nd	.02	nd	.000
06:27-06:57	- 5.4	.008 -	1.67 1015.3	- 0.	- 246.	.01	nd	.01	nd	.000
06:42-07:12	- 5.4	.008 -	1.66 1015.7	- 0.	- 177.	.01	nd	nd	nd	.000
06:57-07:27	- 5.5	.005 -	1.65 1015.9	- 0.	- 126.	.02	nd	.01	nd	.000
07:12-07:42	- 5.8	.003 -	1.75 1016.0	- 0.	- 125.	.03	nd	.03	nd	.000
07:27-07:57	- 6.0	.002 -	1.79 1016.0	- 0.	- 133.	.03	nd	.03	nd	.000
07:42-08:12	- 6.2	.002 -	1.71 1016.0	- 0.	- 143.	.02	nd	.02	nd	.000
07:57-08:27	- 6.4	nd -	1.72 1016.0	- 0.	- 148.	.02	nd	.01	nd	.000
08:12-08:42	- 6.8	nd -	1.73 1016.1	- 0.	- 137.	.02	nd	.02	nd	.000
08:27-08:57	- 7.1	nd -	1.65 1016.5	- 0.	- 142.	.03	nd	.02	nd	.000
08:42-09:12	- 7.3	nd -	1.57 1016.9	- 0.	- 280.	.03	nd	.03	nd	.000
08:57-09:27	- 7.3	nd -	1.50 1017.0	- 0.	- 291.	.03	nd	.02	nd	.000
09:12-09:42	- 7.4	nd -	1.47 1017.0	- 0.	- 219.	.03	nd	.02	nd	.000
09:27-09:57	- 7.4	nd -	1.72 1017.0	- 0.	- 155.	.02	nd	nd	nd	.000
09:42-10:12	- 7.3	nd -	2.34 1017.0	- 0.	- 143.	.01	nd	nd	nd	.000
09:57-10:27	- 7.8	nd -	2.03 1017.1	- 1.	- 304.	nd	nd	nd	nd	.001
10:12-10:42	- 8.9	nd -	1.37 1017.5	- 1.	- 304.	nd	nd	nd	nd	.004

Time	CD Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
10:27-10:57	- 10.1	nd -	1.39 1017.9	- 0.	- 286.	nd	nd	nd	nd	.006
10:42-11:12	- 10.6	nd -	1.41 1018.0	- 0.	- 135.	nd	nd	nd	nd	.009
10:57-11:27	- 10.8	nd -	1.40 1018.0	- 0.	- 185.	nd	nd	nd	nd	.012
11:12-11:42	- 12.2	nd -	1.37 1018.0	- 0.	- 306.	nd	nd	nd	nd	.015
11:27-11:57	- 14.1	nd -	1.33 1018.0	- 1.	- 310.	nd	nd	nd	nd	.019
11:42-12:12	- 15.3	nd -	1.31 1018.0	- 2.	- 309.	nd	nd	nd	.005	.024
11:57-12:27	- 16.1	nd -	1.31 1018.0	- 3.	- 302.	nd	nd	nd	.005	.020
12:12-12:42	- 17.0	nd -	1.32 1018.0	- 4.	- 299.	nd	nd	nd	.005	.033
12:27-12:57	- 17.4	nd -	1.32 1018.0	- 7.	- 299.	nd	nd	nd	.006	.030
12:42-13:12	- 17.6	nd -	1.32 1018.0	- 11.	- 301.	nd	nd	nd	.006	.042
12:57-13:27	- -	- -	- -	- -	- -	-	-	-	-	-
13:12-13:42	- -	- -	- -	- -	- -	-	-	-	-	-
13:27-13:57	- -	- -	- -	- -	- -	-	-	-	-	-
13:42-14:12	- -	- -	- -	- -	- -	-	-	-	-	-
13:57-14:27	.7 21.8	.009 83.	1.73 1012.5	.43 22.	1.32 255.	.01	nd	.01	.016	.038
14:12-14:42	.8 21.2	.008 86.	1.73 1012.1	.44 20.	1.31 252.	.01	nd	.01	.015	.021
14:27-14:57	.8 20.6	.006 89.	1.79 1012.0	.52 15.	1.29 235.	.02	nd	.02	.015	.015



Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
14:42-15:12	.8 20.2	.002 92.	1.67 1012.0	.43 12.	1.25 211.	.02	nd	.01	.015	.014
14:57-15:27	1.1 20.7	nd 93.	1.56 1011.7	.34 10.	1.24 210.	.01	nd	.01	.015	.028
15:12-15:42	.9 21.7	nd 94.	1.57 1011.2	.35 8.	1.24 226.	nd	nd	.01	.015	.035
15:27-15:57	.5 22.7	.003 83.	1.58 1011.0	.34 13.	1.26 260.	nd	nd	.01	.014	.029
15:42-16:12	.4 22.5	.005 72.	1.60 1011.0	.34 18.	1.28 269.	.01	nd	.01	.013	.019
15:57-16:27	.6 21.8	.012 71.	1.75 1011.0	.48 15.	1.30 260.	.03	nd	.02	.012	.014
16:12-16:42	.6 21.9	.016 70.	1.83 1010.9	.56 18.	1.28 244.	.02	nd	.01	.012	.017
16:27-16:57	.5 21.7	.010 70.	1.72 1010.5	.46 21.	1.27 239.	.02	nd	.01	.012	.014
16:42-17:12	.5 21.1	.011 72.	1.72 1010.1	.47 20.	1.27 238.	.03	.01	.01	.011	.006
16:57-17:27	.5 20.6	.008 73.	1.69 1010.0	.43 20.	1.27 239.	.02	nd	.01	.012	.005
17:12-17:42	.5 20.8	.005 72.	1.65 1010.0	.40 21.	1.27 240.	.02	nd	.01	.012	.008
17:27-17:57	.6 20.8	.015 71.	1.85 1010.0	.59 21.	1.28 244.	.03	.01	.01	.012	.006
17:42-18:12	.7 20.5	.020 72.	1.97 1010.0	.68 18.	1.30 252.	.02	.01	.01	.013	.002
17:57-18:27	.8 20.0	.023 72.	2.08 1009.9	.79 14.	1.30 255.	.03	.01	.01	.013	.001
18:12-18:42	.7 19.7	.019 72.	1.97 1009.9	.66 16.	1.32 258.	.02	.01	.01	.013	.000
18:27-18:57	.4 19.7	.011 71.	1.77 1009.9	.46 18.	1.33 262.	.01	nd	.01	.013	.000
18:42-19:12	.6 19.8	.026 70.	1.92 1010.0	.64 14.	1.30 255.	.03	.01	.01	.011	.000

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
18:57-19:27	.7 19.5	.033 * 72.	1.89 1010.0	.63 10.	1.28 285.	.02	.01	.01	.011	.000
19:12-19:42	.4 17.6	.015 85.	1.57 1010.0	.34 12.	1.25 5.	nd	nd	nd	.013	.000
19:27-19:57	.3 15.7	nd 97.	1.38 1010.4	.17 11.	1.23 30.	nd	nd	nd	.013	.000
19:42-20:12	.4 15.2	nd 99.	1.45 1010.4	.22 3.	1.25 17.	nd	nd	nd	.011	.000
19:57-20:27	.4 15.1	nd 100.	1.46 1010.6	.23 0.	1.25 4.	nd	nd	nd	.009	.000
20:12-20:42	.4 24.7	nd 67.	1.46 1010.8	.24 2.	1.23 221.	.01	nd	nd	.008	.000
20:27-20:57	.5 33.8	.007 34.	1.66 1010.5	.41 5.	1.27 217.	.02	.01	nd	.008	.000
20:42-21:12	.4 31.7	.007 37.	1.62 1010.1	.37 4.	1.27 215.	.01	nd	nd	.011	.000
20:57-21:27	.3 28.2	.002 45.	1.42 1010.2	.21 0.	1.23 227.	.01	nd	nd	.011	.000
21:12-21:42	.4 25.9	nd 51.	1.41 1010.2	.21 3.	1.22 196.	.02	nd	.01	.009	.000
21:27-21:57	.4 24.3	nd 55.	1.42 1010.0	.23 7.	1.21 203.	.02	nd	.01	.010	.000
21:42-22:12	.4 22.7	nd 60.	1.43 1010.4	.22 3.	1.22 340.	.02	nd	.01	.010	.000
21:57-22:27	.3 21.6	.003 67.	1.42 1010.9	.20 5.	1.24 6.	nd	nd	nd	.010	.000
22:12-22:42	.4 20.5	.003 74.	1.47 1010.5	.23 2.	1.25 187.	.01	nd	nd	.009	.000
22:27-22:57	.4 19.7	.004 76.	1.53 1010.4	.29 2.	1.26 188.	.02	nd	nd	.008	.000
22:42-23:12	.4 19.2	.005 77.	1.52 1010.7	.28 2.	1.25 187.	.01	nd	nd	.008	.000
22:57-23:27	.4 18.9	.004 77.	1.50 1010.8	.27 1.	1.25 200.	nd	nd	nd	.009	.000

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
23:12-23:42	.4 18.6	.003 78.	1.49 1010.9	.26 1.	1.25 212.	nd	nd	nd	.009	.000
23:27-23:57	.4 18.4	.003 79.	1.47 1010.9	.23 0.	1.25 208.	nd	nd	nd	.009	.000
23:42-00:12	.3 18.5	.002 78.	1.43 1010.9	.21 0.	1.25 206.	nd	nd	nd	.009	.000
23:57-00:27	.3 18.7	nd 76.	1.42 1010.9	.19 0.	1.24 210.	nd	nd	nd	.008	.000
00:12-00:42	.3 18.5	nd 77.	1.41 1010.8	.19 2.	1.24 217.	nd	nd	nd	.009	.000
00:27-00:57	.3 18.1	nd 78.	1.40 1010.9	.18 5.	1.24 219.	nd	nd	nd	.017	.000
00:42-01:12	.3 17.8	nd 80.	1.47 1010.9	.23 4.	1.26 223.	.03	.01	.02	.024	.000
00:57-01:27	.4 17.8	.003 79.	1.72 1011.0	.46 3.	1.28 226.	.05	.02	.03	.026	.000
01:12-01:42	.4 17.5	.004 80.	1.77 1011.0	.50 4.	1.28 223.	.04	.02	.02	.030	.000
01:27-01:57	.4 17.1	.002 82.	1.59 1011.0	.32 4.	1.29 223.	.03	nd	.02	.028	.000
01:42-02:12	.4 16.8	.003 84.	1.63 1011.0	.36 3.	1.29 229.	.02	.01	.01	.023	.000
01:57-02:27	.4 16.8	.007 84.	1.82 1011.0	.55 4.	1.28 244.	.02	.01	nd	.019	.000
02:12-02:42	.5 16.7	.011 84.	2.02 1011.0	.68 3.	1.35 256.	.02	.01	.01	.018	.000
02:27-02:57	.5 16.5	.008 84.	2.08 1011.0	.62 1.	1.48 267.	.02	.01	nd	.017	.000
02:42-03:12	.4 16.4	.003 84.	1.90 1011.0	.49 0.	1.44 273.	.02	.01	.01	.016	.000
02:57-03:27	.4 16.4	.003 84.	1.84 1011.0	.41 0.	1.45 169.	.02	nd	nd	.016	.002
03:12-03:42	.4 16.8	.003 81.	1.75 1011.1	.30 0.	1.47 149.	nd	nd	nd	.016	.005

Time	CO Temp	TR5 Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
03:27-03:57	.4 18.0	.003 78.	1.60 1011.3	.27 0.	1.35 144.	nd	nd	nd	.016	.009
03:42-04:12	.4 19.1	.003 74.	1.56 1011.7	.26 0.	1.32 175.	nd	nd	nd	.016	.011
03:57-04:27	.4 19.8	.003 71.	1.53 1011.9	.24 0.	1.31 196.	nd	nd	nd	.016	.010
04:12-04:42	.4 20.1	.005 70.	1.53 1011.9	.24 0.	1.31 160.	nd	nd	nd	.016	.015
04:27-04:57	.4 20.8	.005 68.	1.48 1011.9	.21 0.	1.29 163.	nd	nd	nd	.016	.019
04:42-05:12	.3 21.9	.003 64.	1.41 1012.0	.18 0.	1.25 302.	nd	nd	nd	.016	.022
04:57-05:27	.3 22.3	nd 62.	1.39 1012.0	.17 1.	1.24 312.	nd	nd	nd	.017	.028
05:12-05:42	.3 22.3	nd 61.	1.39 1012.0	.17 3.	1.24 293.	nd	nd	nd	.018	.032
05:27-05:57	- -	- -	- -	- -	- -	-	-	-	-	-
05:42-06:12	- -	- -	- -	- -	- -	-	-	-	-	-
05:57-06:27	- -	- -	- -	- -	- -	-	-	-	-	-
06:12-06:42	- -	- -	- -	- -	- -	-	-	-	-	-
06:27-06:57	2.6 27.8	.003 44.	1.50 1005.1	.26 20.	1.25 272.	nd	nd	nd	-	.064
06:42-07:12	.8 28.2	.003 43.	1.51 1004.8	.28 15.	1.25 268.	nd	nd	nd	-	.057
06:57-07:27	.9 28.8	.003 42.	1.57 1004.3	.34 12.	1.24 237.	nd	nd	nd	-	.056
07:12-07:42	.8 28.9	.003 42.	1.52 1004.0	.30 14.	1.24 242.	nd	nd	nd	-	.058
07:27-07:57	.7 28.9	.003 42.	1.53 1003.7	.31 15.	1.24 253.	nd	nd	nd	-	.051

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
07:42-08:12	.7 28.4	nd 43.	1.85 1003.2	.62 13.	1.24 240.	nd	nd	nd	-	.037
07:57-08:27	.8 28.1	.003 44.	2.04 1003.0	.79 11.	1.26 245.	nd	nd	nd	-	.030
08:12-08:42	.8 28.0	.005 44.	1.86 1003.0	.60 11.	1.27 244.	.02	.02	nd	-	.030
08:27-08:57	.8 28.6	.005 43.	1.67 1002.7	.41 11.	1.27 227.	.02	.02	nd	-	.033
08:42-09:12	.8 29.5	.007 42.	1.66 1002.2	.40 13.	1.28 222.	.03	.02	nd	-	.033
08:57-09:27	.8 29.1	.006 42.	1.67 1002.0	.41 12.	1.28 221.	.02	.02	nd	-	.025
09:12-09:42	.6 28.4	.002 44.	1.57 1002.0	.31 12.	1.28 219.	.01	.01	nd	-	.021
09:27-09:57	.5 27.7	nd 45.	1.52 1002.0	.25 13.	1.29 210.	.01	.01	nd	-	.017
09:42-10:12	.5 26.7	nd 48.	1.50 1002.0	.22 11.	1.30 219.	nd	nd	nd	-	.009
09:57-10:27	.5 25.8	nd 50.	1.51 1002.0	.22 9.	1.31 210.	nd	nd	nd	-	.004
10:12-10:42	.6 25.3	nd 52.	1.60 1002.0	.37 7.	1.33 218.	.01	.02	nd	-	.003
10:27-10:57	.7 25.2	.003 52.	1.91 1002.0	.58 5.	1.35 222.	.04	.03	.01	-	.003
10:42-11:12	.7 24.9	.003 53.	1.83 1002.0	.49 2.	1.36 216.	.03	.03	.01	-	.002
10:57-11:27	.7 24.4	nd 55.	1.78 1002.0	.45 0.	1.35 191.	.02	.02	nd	-	.001
11:12-11:42	.8 23.9	nd 56.	1.78 1002.0	.44 0.	1.36 170.	.02	.02	nd	-	.000
11:27-11:57	.8 23.5	nd 58.	1.68 1002.0	.32 0.	1.37 180.	.02	.02	nd	-	.000
11:42-12:12	.7 22.9	nd 63.	1.69 1002.0	.32 0.	1.39 184.	.02	.02	nd	-	.000

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
11:57-12:27	.7 21.8	nd 72.	1.79 1002.0	.37 0.	1.44 199.	.03	.02	nd	-	.000
12:12-12:42	.6 21.6	nd 70.	1.74 1002.0	.34 1.	1.43 180.	.02	.02	nd	-	.000
12:27-12:57	.5 21.8	nd 65.	1.68 1002.0	.32 1.	1.39 179.	.02	.03	nd	-	.000
12:42-13:12	.5 21.7	nd 65.	1.67 1002.0	.29 2.	1.40 180.	.02	.02	nd	-	.000
12:57-13:27	.4 20.9	nd 70.	1.61 1002.0	.21 1.	1.43 183.	nd	.02	nd	-	.000
13:12-13:42	.4 19.3	nd 79.	1.66 1002.1	.21 0.	1.47 268.	.01	.02	nd	-	.000
13:27-13:57	.4 19.0	nd 80.	1.70 1002.1	.21 2.	1.51 150.	.02	.02	nd	-	.000
13:42-14:12	.3 20.0	nd 73.	1.65 1002.1	.17 4.	1.50 152.	nd	.01	nd	-	.000
13:57-14:27	.3 20.5	nd 71.	1.59 1002.1	.16 4.	1.45 164.	nd	nd	nd	-	.000
14:12-14:42	.4 20.4	nd 71.	1.65 1002.2	.19 4.	1.48 163.	nd	.01	nd	-	.000
14:27-14:57	.6 20.2	nd 72.	1.64 1002.6	.18 2.	1.48 163.	nd	.02	nd	-	.000
14:42-15:12	.6 20.1	nd 71.	1.59 1002.9	.18 1.	1.44 178.	nd	.01	nd	-	.000
14:57-15:27	.4 19.2	nd 75.	1.59 1003.0	.19 0.	1.43 160.	nd	.01	nd	-	.000
15:12-15:42	.3 17.6	nd 83.	1.67 1003.5	.19 2.	1.50 313.	nd	.01	nd	-	.000
15:27-15:57	.3 17.3	nd 85.	1.76 1003.8	.22 3.	1.56 311.	nd	.01	nd	-	.000
15:42-16:12	.5 18.1	nd 80.	1.84 1003.4	.28 1.	1.59 301.	.02	.02	nd	-	.000
15:57-16:27	.6 18.5	nd 79.	1.94 1003.2	.31 0.	1.65 158.	.04	.03	.01	-	.000

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
16:12-16:42	.5 18.1	nd 81.	1.84 1003.2	.25 0.	1.61 286.	.03	.03	.01	-	.000
16:27-16:57	.4 17.0	nd 87.	1.69 1003.4	.17 0.	1.54 246.	.01	.02	nd	-	.000
16:42-17:12	.3 16.2	nd 91.	1.67 1003.8	.14 0.	1.56 236.	nd	.01	nd	-	.000
16:57-17:27	.3 16.2	nd 91.	1.71 1003.9	.15 0.	1.59 262.	nd	.01	nd	-	.000
17:12-17:42	.3 16.5	nd 90.	1.74 1003.9	.17 0.	1.60 288.	nd	.01	nd	-	.000
17:27-17:57	.4 16.6	nd 89.	1.79 1003.6	.20 0.	1.63 297.	.01	.01	nd	-	.000
17:42-18:12	.4 16.6	nd 90.	1.84 1003.3	.20 0.	1.67 284.	.02	.02	nd	-	.000
17:57-18:27	.5 16.6	nd 90.	1.86 1003.7	.20 0.	1.70 263.	.02	.01	nd	-	.000
18:12-18:42	.4 16.6	nd 91.	1.97 1004.2	.23 0.	1.77 201.	.01	.01	nd	-	.000
18:27-18:57	.2 16.5	nd 93.	2.03 1004.7	.29 0.	1.77 147.	nd	nd	nd	-	.000
18:42-19:12	.5 16.6	nd 94.	1.94 1004.9	.27 0.	1.70 143.	nd	nd	nd	-	.000
18:57-19:27	.5 16.8	nd 94.	1.98 1005.0	.22 0.	1.78 199.	nd	.01	nd	-	.000
19:12-19:42	.3 16.6	nd 95.	1.97 1005.0	.20 0.	1.80 221.	nd	nd	nd	-	.000
19:27-19:57	.3 16.3	nd 95.	1.69 1004.7	.12 5.	1.60 8.	nd	nd	nd	-	.000
19:42-20:12	.2 16.2	nd 94.	1.49 1004.4	nd 10.	1.46 13.	nd	nd	nd	-	.000
19:57-20:27	.2 16.3	nd 96.	1.50 1004.3	nd 3.	1.45 38.	nd	nd	nd	-	.000
20:12-20:42	.2 16.6	nd 96.	1.57 1004.2	nd 9.	1.49 167.	nd	.01	nd	-	.000

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
20:27-20:57	.2 17.2	nd 95.	1.59 1004.3	nd 14.	1.52 159.	nd	.01	nd	-	.001
20:42-21:12	.2 17.7	nd 96.	1.56 1003.9	nd 11.	1.50 141.	nd	nd	nd	-	.003
20:57-21:27	.3 17.9	nd 96.	1.54 1003.3	nd 8.	1.49 117.	nd	nd	nd	-	.006
21:12-21:42	.2 18.2	nd 97.	1.52 1003.1	nd 5.	1.49 93.	nd	nd	nd	-	.008
21:27-21:57	.2 18.5	nd 97.	1.53 1003.0	nd 5.	1.50 101.	nd	nd	nd	-	.007
21:42-22:12	.2 18.6	nd 94.	1.55 1003.0	nd 6.	1.50 118.	nd	.01	nd	-	.007
21:57-22:27	.6 19.1	nd 92.	1.54 1003.1	nd 3.	1.47 119.	nd	.01	nd	-	.012
22:12-22:42	.6 19.7	nd 90.	1.50 1003.1	nd 3.	1.43 138.	nd	.01	nd	-	.017
22:27-22:57	-	-	-	-	-	-	-	-	-	-
22:42-23:12	-	-	-	-	-	-	-	-	-	-
22:57-23:27	-	-	-	-	-	-	-	-	-	-
23:12-23:42	-	-	-	-	-	-	-	-	-	-
23:27-23:57	.2 24.8	nd 64.	1.27 1003.0	.16 20.	1.11 350.	nd	nd	nd	-	.029
23:42-00:12	.3 24.2	nd 65.	1.28 1003.0	.17 22.	1.11 351.	nd	nd	nd	-	.044
23:57-00:27	.3 24.1	nd 66.	1.29 1003.0	.18 23.	1.12 0.	nd	nd	nd	-	.052
00:12-00:42	.4 24.0	nd 66.	1.30 1003.0	.18 22.	1.12 5.	nd	nd	nd	-	.051
00:27-00:57	.4 24.5	nd 64.	1.31 1002.6	.19 18.	1.12 2.	nd	nd	nd	-	.058



Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
00:42-01:12	.3 25.0	nd 61.	1.31 1002.4	.20 21.	1.11 348.	nd	nd	nd	-	.054
00:57-01:27	.3 24.8	nd 62.	1.32 1002.8	.21 23.	1.11 346.	nd	nd	nd	-	.041
01:12-01:42	.4 24.4	nd 64.	1.32 1003.0	.21 19.	1.11 352.	nd	nd	nd	-	.034
01:27-01:57	.3 24.3	nd 63.	1.32 1003.0	.22 18.	1.11 350.	nd	nd	nd	-	.030
01:42-02:12	.4 24.7	nd 62.	1.32 1002.8	.22 19.	1.10 349.	nd	nd	nd	-	.047
01:57-02:27	.4 25.0	nd 60.	1.31 1002.3	.22 20.	1.10 350.	nd	nd	nd	-	.059
02:12-02:42	.3 24.9	nd 60.	1.29 1002.0	.20 22.	1.10 342.	nd	nd	nd	-	.048
02:27-02:57	.3 25.1	nd 59.	1.29 1002.1	.20 23.	1.09 341.	nd	nd	nd	-	.052
02:42-03:12	.3 25.7	nd 58.	1.30 1002.1	.21 20.	1.09 346.	nd	nd	nd	-	.065
02:57-03:27	.3 26.1	nd 56.	1.31 1002.3	.22 17.	1.09 341.	nd	nd	nd	-	.064
03:12-03:42	.3 26.3	nd 54.	1.31 1002.8	.22 20.	1.09 338.	nd	nd	nd	-	.059
03:27-03:57	.3 25.9	nd 55.	1.30 1002.9	.21 19.	1.09 338.	nd	nd	nd	-	.046
03:42-04:12	.3 26.0	nd 56.	1.31 1002.8	.22 14.	1.09 333.	nd	nd	nd	-	.037
03:57-04:27	.6 25.9	nd 57.	1.32 1002.8	.24 12.	1.09 330.	nd	nd	nd	-	.029
04:12-04:42	.6 24.6	nd 61.	1.32 1003.0	.23 15.	1.10 334.	nd	nd	nd	-	.012
04:27-04:57	.6 23.5	nd 65.	1.32 1003.0	.22 20.	1.10 335.	nd	nd	nd	-	.012
04:42-05:12	.7 23.3	nd 65.	1.34 1003.0	.24 19.	1.11 336.	nd	nd	nd	-	.024

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
04:57-05:27	.6 24.5	nd 61.	1.34 1003.0	.23 16.	1.12 334.	nd	nd	nd	-	.034
05:12-05:42	.5 25.7	nd 57.	1.31 1003.0	.19 14.	1.12 322.	nd	nd	nd	-	.031
05:27-05:57	.3 25.4	nd 58.	1.32 1003.0	.19 11.	1.13 311.	nd	nd	nd	-	.023
05:42-06:12	.2 25.1	nd 59.	1.33 1003.0	.20 7.	1.13 306.	nd	nd	nd	-	.019
05:57-06:27	.2 25.1	nd 59.	1.34 1003.0	.21 6.	1.14 301.	nd	nd	nd	-	.017
06:12-06:42	.2 24.5	nd 61.	1.34 1003.2	.20 7.	1.14 302.	nd	nd	nd	-	.013
06:27-06:57	.2 23.8	nd 63.	1.34 1003.6	.20 7.	1.14 309.	nd	nd	nd	-	.010
06:42-07:12	.2 23.4	nd 64.	1.34 1003.9	.20 5.	1.15 320.	nd	nd	nd	-	.009
06:57-07:27	.2 23.3	nd 65.	1.37 1004.0	.22 6.	1.16 317.	nd	nd	nd	-	.008
07:12-07:42	.2 22.4	nd 69.	1.38 1004.0	.22 5.	1.17 301.	nd	nd	nd	-	.004
07:27-07:57	.3 21.6	nd 72.	1.42 1004.0	.25 4.	1.17 289.	nd	nd	nd	-	.001
07:42-08:12	.4 20.8	nd 74.	1.48 1004.1	.31 1.	1.18 284.	nd	nd	nd	-	.000
07:57-08:27	.4 19.8	nd 77.	1.56 1004.5	.38 0.	1.18 124.	nd	nd	nd	-	.000
08:12-08:42	.3 18.9	nd 81.	1.61 1004.9	.41 0.	1.21 133.	nd	nd	nd	-	.000
08:27-08:57	.3 18.1	nd 85.	1.64 1005.0	.40 0.	1.25 128.	nd	nd	nd	-	.000
08:42-09:12	.3 17.5	nd 88.	1.66 1005.0	.40 0.	1.27 130.	.02	.01	nd	-	.000
08:57-09:27	.5 16.8	nd 91.	1.78 1005.0	.49 0.	1.29 141.	.02	.02	nd	-	.000

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Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
09:12-09:42	.5 16.0	nd 96.	1.81 1005.1	.47 0.	1.34 163.	.02	nd	nd	-	.000
09:27-09:57	.5 15.5	nd 99.	1.74 1005.6	.39 0.	1.36 157.	.02	nd	nd	-	.000
09:42-10:12	.4 15.2	nd 100.	1.75 1005.9	.40 0.	1.36 172.	.02	nd	nd	-	.000
09:57-10:27	.3 14.7	nd 100.	1.73 1006.0	.37 0.	1.36 203.	.01	nd	nd	-	.000
10:12-10:42	.3 14.3	nd 100.	1.69 1006.0	.33 0.	1.37 213.	nd	nd	nd	-	.000
10:27-10:57	.4 13.9	.003 100.	1.75 1006.0	.36 0.	1.39 238.	.02	nd	nd	-	.000
10:42-11:12	.4 13.6	.004 -	1.79 1006.5	.37 0.	1.42 241.	.02	nd	.01	-	.000
10:57-11:27	.4 13.4	.004 -	1.83 1006.9	.36 0.	1.47 263.	.02	nd	.01	-	.000
11:12-11:42	.4 13.3	.004 -	1.88 1007.0	.41 0.	1.47 244.	.03	nd	.02	-	.000
11:27-11:57	.3 12.9	.003 -	1.86 1007.0	.40 0.	1.46 190.	.02	nd	.01	-	.000
11:42-12:12	.4 12.8	nd 100.	1.90 1007.4	.44 0.	1.47 154.	.01	nd	nd	-	.000
11:57-12:27	.4 12.8	nd 100.	1.85 1007.9	.41 0.	1.45 130.	.02	nd	nd	-	.000
12:12-12:42	.3 12.7	nd 100.	1.77 1008.0	.35 0.	1.43 140.	.02	nd	.01	-	.000
12:27-12:57	.3 12.4	nd 100.	1.83 1008.0	.42 0.	1.41 140.	.03	nd	.02	-	.000
12:42-13:12	.4 12.1	nd 100.	1.82 1008.0	.41 0.	1.42 139.	.03	nd	.02	-	.000
12:57-13:27	.3 11.9	nd 100.	1.73 1008.0	.32 0.	1.42 153.	.02	nd	.01	-	.000
13:12-13:42	.3 11.7	.002 100.	1.77 1008.1	.36 0.	1.42 167.	nd	nd	nd	-	.000

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
13:27-13:57	.2 11.5	.003 100.	1.81 1008.4	.40 0.	1.41 153.	nd	nd	nd	-	.000
13:42-14:12	.2 11.6	nd 100.	1.73 1008.8	.36 0.	1.38 131.	nd	nd	nd	-	.000
13:57-14:27	.2 12.0	nd 100.	1.62 1009.0	.28 0.	1.35 118.	.01	nd	nd	-	.000
14:12-14:42	.1 12.2	nd 100.	1.54 1009.0	.21 0.	1.34 142.	nd	nd	nd	-	.000
14:27-14:57	.1 12.3	nd 100.	1.52 1009.0	.21 0.	1.32 148.	.01	nd	nd	-	.000
14:42-15:12	.1 12.6	nd 100.	1.51 1009.0	.20 1.	1.31 318.	.02	.01	nd	-	.000
14:57-15:27	.1 12.6	nd 100.	1.51 1009.2	.20 1.	1.32 319.	.03	.02	nd	-	.000
15:12-15:42	.1 12.3	nd 100.	1.52 1009.4	.20 0.	1.33 144.	.02	.02	nd	-	.000
15:27-15:57	.1 12.3	nd 100.	1.51 1009.7	.19 0.	1.33 145.	.02	.01	nd	-	.000
15:42-16:12	.1 12.5	nd 100.	1.50 1010.0	.18 0.	1.32 298.	.01	.01	nd	-	.000
15:57-16:27	.1 12.7	.002 100.	1.51 1010.0	.21 0.	1.31 293.	.02	.01	nd	-	.000
16:12-16:42	.1 12.8	.004 100.	1.53 1010.0	.22 0.	1.32 279.	.01	.01	nd	-	.000
16:27-16:57	.1 12.6	.004 100.	1.54 1010.0	.21 0.	1.34 149.	nd	nd	nd	-	.001
16:42-17:12	.1 13.1	.003 99.	1.60 1010.0	.26 1.	1.35 255.	nd	nd	nd	-	.003
16:57-17:27	.2 14.4	nd 98.	1.80 1010.0	.34 3.	1.47 265.	nd	nd	nd	-	.005
17:12-17:42	.1 15.6	nd 97.	1.77 1010.1	.31 4.	1.48 272.	nd	nd	nd	-	.008
17:27-17:57	.1 16.3	.003 96.	1.59 1010.5	.25 2.	1.35 274.	nd	nd	nd	-	.011

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
17:42-18:12	.1 17.0	.003 93.	1.55 1010.9	.23 1.	1.33 313.	nd	nd	nd	-	.014
17:57-18:27	nd 17.7	nd 90.	1.49 1010.9	.20 2.	1.30 310.	nd	nd	nd	-	.018
18:12-18:42	nd 18.1	nd 87.	1.44 1010.9	.17 5.	1.28 298.	nd	nd	nd	-	.022
18:27-18:57	nd 18.1	nd 86.	1.41 1011.0	.14 10.	1.27 287.	nd	nd	nd	-	.026
18:42-19:12	nd 18.0	nd 86.	1.40 1011.0	.14 15.	1.27 285.	nd	nd	nd	-	.031
18:57-19:27	- -	- -	- -	- -	- -	-	-	-	-	-
19:12-19:42	- -	- -	- -	- -	- -	-	-	-	-	-
19:27-19:57	- -	- -	- -	- -	- -	-	-	-	-	-
19:42-20:12	- -	- -	- -	- -	- -	-	-	-	-	-
19:57-20:27	- 21.7	nd 59.	1.40 1011.9	.18 18.	1.23 291.	nd	nd	nd	-	.044
20:12-20:42	- 21.9	nd 59.	1.41 1011.6	.19 23.	1.22 283.	nd	nd	nd	-	.047
20:27-20:57	- 21.4	nd 62.	1.40 1011.2	.19 24.	1.21 283.	nd	nd	nd	-	.038
20:42-21:12	- 20.1	nd 72.	1.39 1011.2	.18 28.	1.21 294.	nd	nd	nd	-	.016
20:57-21:27	- 19.3	nd 76.	1.38 1011.3	.18 28.	1.21 302.	nd	nd	nd	-	.017
21:12-21:42	- 20.2	nd 68.	1.39 1011.2	.18 25.	1.21 301.	nd	nd	nd	-	.031
21:27-21:57	- 21.0	nd -	1.39 1011.1	.18 29.	1.21 299.	nd	nd	nd	-	.036
21:42-22:12	- 20.7	nd -	1.40 1011.1	.18 33.	1.22 300.	nd	nd	nd	-	.030

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
21:57-22:27	- 20.5	nd -	1.40 1011.1	.18 31.	1.23 303.	nd	nd	nd	-	.025
22:12-22:42	- 20.5	nd 83.	1.41 1011.0	.18 22.	1.24 307.	nd	nd	nd	-	.019
22:27-22:57	- 20.1	nd 75.	1.42 1011.0	.18 19.	1.25 304.	nd	nd	nd	-	.015
22:42-23:12	- 19.6	nd 80.	1.42 1011.1	.18 25.	1.25 301.	nd	nd	nd	-	.014
22:57-23:27	- 19.1	nd -	1.42 1011.1	.17 26.	1.25 300.	nd	nd	nd	-	.012
23:12-23:42	- 18.4	nd -	1.42 1011.1	.17 22.	1.26 295.	nd	nd	nd	-	.008
23:27-23:57	- 17.7	nd -	1.44 1011.1	.18 20.	1.27 289.	nd	nd	nd	-	.005
23:42-00:12	- 17.0	nd -	1.45 1011.4	.18 17.	1.28 287.	nd	nd	nd	-	.003
23:57-00:27	- 16.5	.003 -	1.50 1011.8	.21 14.	1.30 280.	nd	nd	nd	-	.001
00:07-00:12	-	.003	1.55	.24	1.32	nd	nd	nd	-	.000
00:12-00:42	- 16.4	-	1012.0	13.	270.					
00:27-00:57	- 16.2	nd -	1.54 1012.0	.24 13.	1.31 267.	nd	nd	nd	-	.000
00:42-01:12	- 15.0	nd -	1.52 1012.0	.24 14.	1.30 267.	nd	.01	nd	-	.000
00:57-01:27	- 15.9	nd -	1.51 1012.0	.23 15.	1.29 268.	nd	nd	nd	-	.000
01:12-01:42	- 15.7	nd -	1.49 1012.0	.21 16.	1.28 268.	nd	nd	nd	-	.000
01:27-01:57	- 15.5	nd -	1.47 1012.1	.19 16.	1.29 270.	nd	nd	nd	-	.000
01:42-02:12	- 15.3	.006 -	1.50 1012.5	.20 14.	1.31 274.	nd	nd	nd	-	.000
01:57-02:27	- 14.6	.008 -	1.48 1012.9	.19 11.	1.30 287.	nd	nd	nd	-	.000

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
02:12-02:42	- 13.5	.004 -	1.44 1013.0	.16 7.	1.28 302.	nd	nd	nd	-	.000
02:27-02:57	- 12.7	nd -	1.45 1013.0	.17 4.	1.29 305.	nd	nd	nd	-	.000
02:42-03:12	- 12.4	nd -	1.46 1013.0	.18 2.	1.29 314.	nd	nd	nd	-	.000
02:57-03:27	- 12.4	nd -	1.46 1013.0	.19 1.	1.28 269.	.01	.01	nd	-	.000
03:12-03:42	- 13.2	.004 -	1.54 1013.0	.24 5.	1.31 265.	.02	.02	nd	-	.000
03:27-03:57	- 13.7	.006 -	1.56 1013.0	.24 7.	1.32 275.	.01	nd	nd	-	.000
03:42-04:12	- 13.4	.006 -	1.47 1013.0	.18 6.	1.30 293.	nd	nd	nd	-	.000
03:57-04:27	- 13.2	.003 -	1.43 1013.0	.15 14.	1.28 315.	nd	nd	nd	-	.000
04:12-04:42	- 12.9	nd -	1.40 1013.1	.13 17.	1.28 321.	nd	nd	nd	-	.000
04:27-04:57	- 12.5	nd 100.	1.38 1013.2	.12 11.	1.27 321.	nd	nd	nd	-	.000
04:42-05:12	- 12.5	nd 100.	1.38 1013.6	.12 9.	1.27 308.	nd	nd	nd	-	.000
04:57-05:27	- 12.6	nd 100.	1.38 1013.9	.12 10.	1.27 298.	nd	nd	nd	-	.000
05:12-05:42	- 12.7	nd 100.	1.38 1013.9	.12 8.	1.26 296.	nd	nd	nd	-	.000
05:27-05:57	- 12.7	nd 100.	1.38 1013.9	.12 7.	1.26 298.	nd	nd	nd	-	.000
05:42-06:12	- 12.6	nd 100.	1.37 1014.0	.12 8.	1.26 296.	nd	nd	nd	-	.000
05:57-06:27	- 12.5	nd 100.	1.38 1014.0	.12 7.	1.26 297.	nd	nd	nd	-	.000
06:12-06:42	- 12.4	nd 100.	1.39 1014.0	.13 6.	1.27 298.	nd	nd	nd	-	.000

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
06:27-06:57	- 12.4	nd 100.	1.39 1014.0	.13 7.	1.27 292.	nd	nd	nd	-	.000
06:42-07:12	- 12.4	nd 100.	1.39 1014.0	.13 7.	1.27 293.	nd	nd	nd	-	.000
06:57-07:27	- 12.3	nd 100.	1.41 1014.0	.13 6.	1.28 298.	nd	nd	nd	-	.000
07:12-07:42	- 12.4	nd 100.	1.41 1014.1	.13 6.	1.28 302.	nd	nd	nd	-	.000
07:27-07:57	- 12.5	nd 100.	1.40 1014.2	.13 6.	1.28 305.	nd	nd	nd	-	.000
07:42-08:12	- 12.6	nd 100.	1.40 1014.6	.13 7.	1.28 300.	nd	nd	nd	-	.000
07:57-08:27	- 12.6	nd 100.	1.40 1015.0	.13 10.	1.28 297.	nd	nd	nd	-	.000
08:12-08:42	- 12.6	nd 100.	1.40 1015.0	.13 11.	1.28 299.	nd	nd	nd	-	.000
08:27-08:57	- 12.7	nd 100.	1.41 1015.0	.13 11.	1.29 302.	nd	nd	nd	-	.000
08:42-09:12	- 12.8	nd 100.	1.41 1015.0	.13 12.	1.29 302.	nd	nd	nd	-	.000
08:57-09:27	- 12.8	nd 100.	1.41 1015.4	.13 14.	1.28 305.	nd	nd	nd	-	.000
09:12-09:42	- 12.8	nd 100.	1.46 1015.8	.18 16.	1.29 308.	nd	nd	nd	-	.001
09:27-09:57	- 12.9	nd 100.	1.45 1016.0	.17 18.	1.28 308.	nd	nd	nd	-	.003
09:42-10:12	- 13.1	nd 100.	1.40 1016.0	.13 19.	1.28 307.	nd	nd	nd	-	.005
09:57-10:27	- 13.3	nd 100.	1.42 1016.0	.14 18.	1.29 307.	nd	nd	nd	-	.007
10:12-10:42	- 13.5	nd 99.	1.42 1016.0	.14 16.	1.29 305.	nd	nd	nd	-	.009
10:27-10:57	- 14.0	nd 97.	1.40 1016.0	.13 17.	1.28 306.	nd	nd	nd	-	.016



Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
10:42-11:12	- 14.8	nd 91.	1.41 1016.0	.13 22.	1.29 310.	nd	nd	nd	-	.023
10:57-11:27	- 15.1	nd 93.	1.44 1016.4	.15 25.	1.29 313.	nd	nd	nd	-	.022
11:12-11:42	- 14.8	nd 99.	1.45 1016.8	.17 27.	1.29 316.	nd	nd	nd	-	.017
11:27-11:57	- -	- -	- -	- -	- -	-	-	-	-	-
11:42-12:12	- -	- -	- -	- -	- -	-	-	-	-	-
11:57-12:27	- -	- -	- -	- -	- -	-	-	-	-	-
12:12-12:42	- -	- -	- -	- -	- -	-	-	-	-	-
12:27-12:57	.3 20.0	.003 -	1.50 1016.1	.20 21.	1.31 342.	nd	nd	nd	-	.063
12:42-13:12	.2 19.7	nd -	1.50 1016.0	.20 25.	1.30 342.	nd	nd	nd	-	.061
12:57-13:27	.2 19.3	nd -	1.49 1016.0	.21 24.	1.29 349.	nd	nd	nd	-	.057
13:12-13:42	.2 19.5	nd -	1.50 1016.0	.22 21.	1.28 348.	nd	nd	nd	-	.053
13:27-13:57	.2 19.5	nd -	1.50 1016.0	.23 21.	1.28 346.	nd	nd	nd	-	.049
13:42-14:12	.2 19.5	nd -	1.52 1016.0	.24 22.	1.28 347.	nd	nd	nd	-	.046
13:57-14:27	.1 19.6	nd -	1.52 1016.0	.25 22.	1.28 344.	nd	nd	nd	-	.042
14:12-14:42	.1 19.6	nd -	1.53 1016.0	.25 21.	1.28 341.	nd	nd	nd	-	.038
14:27-14:57	.1 19.9	nd -	1.53 1016.0	.25 20.	1.28 338.	nd	nd	nd	-	.034
14:42-15:12	.1 19.7	nd -	1.51 1016.0	.23 16.	1.28 345.	nd	nd	nd	-	.030

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
14:57-15:27	.2 19.2	nd -	1.49 1016.0	.21 14.	1.28 359.	nd	nd	nd	-	.026
15:12-15:42	.2 18.4	nd -	1.48 1016.0	.21 12.	1.28 4.	nd	nd	nd	-	.022
15:27-15:57	.2 17.7	nd -	1.47 1016.0	.20 11.	1.27 5.	nd	nd	nd	-	.018
15:42-16:12	.2 17.3	nd -	1.47 1016.5	.20 10.	1.27 7.	nd	nd	nd	-	.014
15:57-16:27	.2 16.9	nd -	1.47 1016.9	.20 6.	1.27 14.	nd	nd	nd	-	.011
16:12-16:42	.2 16.4	nd -	1.46 1016.9	.20 4.	1.27 26.	nd	nd	nd	-	.007
16:27-16:57	.2 15.6	nd -	1.46 1016.9	.19 5.	1.27 37.	nd	nd	nd	-	.004
16:42-17:12	.2 14.9	nd -	1.45 1017.0	.19 4.	1.27 44.	nd	nd	nd	-	.002
16:57-17:27	.5 14.2	nd -	1.46 1017.0	.20 2.	1.27 42.	nd	nd	nd	-	.000
17:12-17:42	.8 13.4	nd -	1.49 1017.0	.22 0.	1.28 264.	nd	nd	nd	-	.000
17:27-17:57	.7 12.4	nd -	1.55 1017.0	.27 0.	1.28 249.	nd	nd	nd	-	.000
17:42-18:12	.5 11.3	nd -	1.61 1017.0	.33 0.	1.29 234.	.01	nd	.01	-	.000
17:57-18:27	.6 10.4	nd -	1.72 1017.1	.40 0.	1.32 259.	.05	.01	.04	-	.000
18:12-18:42	.9 9.8	nd -	1.87 1017.6	.50 0.	1.37 298.	.08	.02	.06	-	.000
18:27-18:57	.6 9.2	nd -	1.76 1017.9	.41 0.	1.36 268.	.05	.01	.04	-	.000
18:42-19:12	.5 8.6	nd -	1.69 1017.9	.35 0.	1.34 258.	.03	nd	.02	-	.000
18:57-19:27	.5 8.4	nd -	1.70 1018.0	.37 0.	1.33 69.	.04	nd	.03	-	.000

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
19:12-19:42	.4 8.2	nd -	1.63 1018.0	.31 0.	1.32 70.	.03	nd	.02	-	.000
19:27-19:57	.3 7.9	nd -	1.63 1018.0	.30 0.	1.34 299.	.02	nd	.01	-	.000
19:42-20:12	.3 7.7	nd -	1.64 1018.0	.29 0.	1.35 266.	.02	.01	.01	-	.000
19:57-20:27	.3 7.4	nd -	1.71 1018.0	.31 0.	1.41 263.	.02	.01	.01	-	.000
20:12-20:42	.4 7.3	nd -	1.79 1018.3	.36 0.	1.43 277.	.03	.01	.02	-	.000
20:27-20:57	.4 7.3	nd -	1.78 1018.7	.38 0.	1.41 285.	.04	.01	.03	-	.000
20:42-21:12	.4 7.1	nd -	1.73 1018.9	.35 0.	1.39 285.	.04	.01	.02	-	.000
20:57-21:27	.4 7.1	nd -	1.71 1019.0	.34 0.	1.37 289.	.04	.01	.02	-	.000
21:12-21:42	.3 7.2	nd -	1.71 1019.0	.32 0.	1.38 281.	.03	.01	.02	-	.000
21:27-21:57	.3 7.0	nd -	1.74 1019.0	.34 0.	1.41 273.	.03	.01	.02	-	.000
21:42-22:12	.3 6.6	nd -	1.80 1019.0	.35 0.	1.46 257.	.03	.01	.01	-	.000
21:57-22:27	.2 6.2	nd -	1.81 1019.0	.32 0.	1.50 243.	.02	nd	nd	-	.000
22:12-22:42	.2 6.1	nd -	1.82 1019.0	.32 0.	1.50 233.	.02	nd	nd	-	.000
22:27-22:57	.2 6.6	nd -	1.77 1019.2	.30 0.	1.47 161.	.02	.01	nd	-	.000
22:42-23:12	.2 7.8	nd -	1.67 1019.6	.26 1.	1.41 155.	.01	nd	nd	-	.000
22:57-23:27	.2 7.6	nd -	1.69 1020.0	.28 1.	1.41 155.	nd	nd	nd	-	.000
23:12-23:42	.2 6.0	nd -	1.76 1020.0	.30 0.	1.46 232.	nd	nd	nd	-	.000

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
23:27-23:57	.2 5.4	nd -	1.79 1020.0	.31 0.	1.48 233.	nd	nd	nd	-	.000
23:42-00:12	.2 6.4	nd -	1.77 1020.0	.32 1.	1.45 151.	nd	nd	nd	-	.000
23:57-00:27	.3 8.9	nd -	1.64 1020.0	.27 4.	1.36 152.	nd	nd	nd	-	.000
05/07/10 00:12-00:42	.2 10.5	nd -	1.55 1020.0	.22 5.	1.33 151.	nd	nd	nd	-	.000
00:27-00:57	.2 10.8	nd -	1.55 1020.1	.22 5.	1.33 149.	nd	nd	nd	-	.000
00:42-01:12	.2 10.9	nd -	1.54 1020.4	.22 5.	1.33 151.	nd	nd	nd	-	.000
00:57-01:27	.2 11.0	nd -	1.54 1020.8	.22 4.	1.32 155.	nd	nd	nd	-	.000
01:12-01:42	.2 10.9	nd -	1.55 1020.9	.23 3.	1.32 158.	nd	nd	nd	-	.000
01:27-01:57	.2 11.1	nd -	1.56 1021.0	.24 4.	1.32 158.	nd	nd	nd	-	.001
01:42-02:12	.2 11.6	nd -	1.57 1021.0	.25 5.	1.32 162.	nd	nd	nd	-	.002
01:57-02:27	.3 12.2	nd -	1.58 1021.0	.26 4.	1.32 170.	nd	nd	nd	-	.005
02:12-02:42	.2 12.8	nd -	1.59 1021.0	.27 3.	1.32 173.	nd	nd	nd	-	.008
02:27-02:57	.3 13.6	nd -	1.63 1021.0	.30 2.	1.34 163.	nd	nd	nd	-	.011
02:42-03:12	.4 14.2	nd -	1.73 1021.0	.38 3.	1.35 144.	nd	nd	nd	-	.014
02:57-03:27	.3 14.6	nd -	1.74 1021.0	.41 7.	1.34 145.	.01	nd	nd	-	.017
03:12-03:42	.3 14.9	nd -	1.69 1021.0	.36 9.	1.34 150.	nd	nd	nd	-	.021
03:27-03:57	.3 15.4	nd -	1.71 1021.0	.37 8.	1.34 151.	nd	nd	nd	-	.025

Time	CD Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
03:42-04:12	.4 16.0	nd 100.	2.02 1021.0	.68 9.	1.34 146.	nd	nd	nd	-	.029
03:57-04:27	.4 16.4	nd 100.	2.20 1021.0	.84 10.	1.35 149.	.01	nd	nd	-	.034
04:12-04:42	.3 16.9	nd 99.	1.93 1021.0	.57 10.	1.36 156.	nd	nd	nd	-	.037
04:27-04:57	- -	- -	- -	- -	- -	-	-	-	-	-
04:42-05:12	- -	- -	- -	- -	- -	-	-	-	-	-
04:57-05:27	- -	- -	- -	- -	- -	-	-	-	-	-
05:12-05:42	- -	- -	- -	- -	- -	-	-	-	-	-
05:27-05:57	.5 27.7	nd 44.	1.54 1017.0	.37 20.	1.18 180.	nd	nd	nd	-	.039
05:42-06:12	.5 27.7	nd 45.	1.55 1016.5	.37 20.	1.18 186.	nd	nd	nd	-	.037
05:57-06:27	.4 26.9	nd 47.	1.55 1016.0	.37 17.	1.18 182.	nd	nd	nd	-	.024
06:12-06:42	.4 26.0	nd 49.	1.55 1016.0	.37 14.	1.18 179.	nd	nd	nd	-	.017
06:27-06:57	.4 25.5	nd 50.	1.55 1016.0	.36 11.	1.19 185.	nd	nd	nd	-	.015
06:42-07:12	.4 25.1	nd 51.	1.56 1016.0	.37 8.	1.19 189.	nd	.01	nd	-	.012
06:57-07:27	.4 24.8	nd 52.	1.56 1016.0	.37 6.	1.20 186.	nd	.01	nd	-	.010
07:12-07:42	.4 24.6	nd 53.	1.56 1016.0	.36 5.	1.20 182.	nd	nd	nd	-	.008
07:27-07:57	.4 24.2	nd 54.	1.58 1016.0	.37 4.	1.21 183.	nd	.01	nd	-	.006
07:42-08:12	.4 23.7	nd 56.	1.66 1016.1	.44 3.	1.22 183.	.01	.01	nd	-	.004

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
07:57-08:27	.4 23.3	nd 57.	1.75 1016.5	.52 3.	1.23 177.	.01	.01	nd	-	.002
08:12-08:42	.5 22.8	nd 60.	1.84 1016.9	.57 1.	1.28 177.	.02	.02	nd	-	.001
08:27-08:57	.6 22.2	nd 62.	1.89 1016.9	.55 1.	1.34 146.	.03	.02	nd	-	.000
08:42-09:12	.5 21.6	nd 65.	1.83 1016.7	.49 4.	1.34 146.	.03	.02	nd	-	.000
08:57-09:27	.4 21.3	nd 67.	1.74 1016.7	.42 6.	1.32 148.	.02	.02	nd	-	.000
09:12-09:42	.3 21.1	nd 69.	1.66 1016.9	.35 8.	1.31 148.	nd	.01	nd	-	.000
09:27-09:57	.3 20.9	nd 70.	1.64 1016.9	.34 8.	1.30 147.	nd	.01	nd	-	.000
09:42-10:12	.2 20.7	nd 70.	1.62 1016.9	.32 8.	1.30 147.	.01	.01	nd	-	.000
09:57-10:27	.2 20.6	nd 69.	1.60 1017.0	.30 9.	1.30 150.	nd	nd	nd	-	.000
10:12-10:42	.2 20.7	nd 69.	1.60 1017.0	.30 8.	1.30 151.	nd	nd	nd	-	.000
10:27-10:57	.2 20.7	nd 70.	1.60 1017.0	.30 9.	1.30 148.	nd	nd	nd	-	.000
10:42-11:12	.2 20.6	nd 71.	1.58 1017.0	.28 10.	1.30 147.	.02	.01	nd	-	.000
10:57-11:27	.2 20.6	nd 71.	1.59 1017.0	.28 9.	1.31 148.	.02	.01	nd	-	.000
11:12-11:42	.2 20.5	nd 70.	1.60 1017.0	.28 8.	1.32 148.	nd	nd	nd	-	.000
11:27-11:57	.2 20.5	nd 70.	1.60 1017.0	.28 7.	1.32 148.	nd	.01	nd	-	.000
11:42-12:12	.2 20.4	nd 70.	1.59 1017.0	.28 7.	1.32 145.	.01	.02	nd	-	.000
11:57-12:27	.2 20.3	nd 70.	1.58 1017.1	.28 7.	1.31 144.	.02	.02	nd	-	.000

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
12:12-12:42	.4 20.3	nd 70.	1.59 1017.4	.27 5.	1.32 148.	.02	.02	nd	-	.000
12:27-12:57	.4 20.4	nd 69.	1.61 1017.8	.28 3.	1.34 154.	.02	.02	nd	-	.000
12:42-13:12	.1 20.5	nd 69.	1.58 1018.0	.27 1.	1.31 176.	nd	nd	nd	-	.000
12:57-13:27	.1 20.5	nd 69.	1.54 1018.0	.26 2.	1.28 190.	nd	nd	nd	-	.000
13:12-13:42	.1 20.4	nd 70.	1.55 1018.0	.27 2.	1.28 198.	nd	nd	nd	-	.000
13:27-13:57	.1 20.3	nd 70.	1.55 1018.0	.27 1.	1.29 203.	nd	.01	nd	-	.000
13:42-14:12	.1 20.1	nd 71.	1.57 1018.0	.27 1.	1.30 193.	nd	nd	nd	-	.000
13:57-14:27	.1 19.9	nd 71.	1.59 1018.0	.28 1.	1.31 186.	nd	nd	nd	-	.000
14:12-14:42	.1 19.8	nd 73.	1.57 1018.1	.28 1.	1.30 193.	nd	nd	nd	-	.000
14:27-14:57	.1 19.6	nd 75.	1.57 1018.3	.27 1.	1.30 189.	nd	nd	nd	-	.000
14:42-15:12	.1 19.4	nd 77.	1.56 1018.7	.26 2.	1.30 185.	nd	nd	nd	-	.000
14:57-15:27	.1 19.2	nd 78.	1.57 1018.9	.26 2.	1.31 186.	nd	nd	nd	-	.000
15:12-15:42	.1 19.1	nd 80.	1.59 1019.0	.27 0.	1.32 188.	.01	.02	nd	-	.000
15:27-15:57	.1 18.9	nd 80.	1.61 1019.0	.28 0.	1.33 0.	.01	.02	nd	-	.000
15:42-16:12	.1 18.0	nd 85.	1.60 1019.0	.27 0.	1.33 305.	nd	.01	nd	-	.000
15:57-16:27	.2 16.8	nd 90.	1.64 1019.0	.30 0.	1.34 240.	nd	.01	nd	-	.000
16:12-16:42	.2 16.2	nd 92.	1.68 1019.0	.33 0.	1.36 260.	nd	.01	nd	-	.000

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
16:27-16:57	.2 15.9	nd 93.	1.68 1019.0	.31 0.	1.38 267.	.01	.02	nd	-	.000
16:42-17:12	.1 16.1	nd 92.	1.68 1019.0	.29 0.	1.39 271.	.02	.02	nd	-	.000
16:57-17:27	.2 16.6	nd 90.	1.67 1019.0	.29 0.	1.37 286.	.02	.02	nd	-	.000
17:12-17:42	.2 17.0	nd 89.	1.69 1019.0	.32 0.	1.38 295.	.04	.02	.01	-	.000
17:27-17:57	.3 17.3	nd 88.	1.77 1019.0	.35 0.	1.42 306.	.04	.02	.02	-	.000
17:42-18:12	.3 17.7	nd 86.	1.81 1019.4	.36 0.	1.46 148.	.05	.03	.02	-	.000
17:57-18:27	.3 18.1	nd 86.	1.74 1019.8	.33 0.	1.42 150.	.03	.02	.01	-	.001
18:12-18:42	.4 18.4	nd 86.	1.75 1019.9	.37 1.	1.37 126.	.02	.02	nd	-	.003
18:27-18:57	.4 18.9	nd 83.	1.80 1019.9	.44 2.	1.36 135.	.02	.02	nd	-	.004
18:42-19:12	.3 19.2	nd 80.	1.73 1020.0	.36 2.	1.37 141.	.02	.02	nd	-	.005
18:57-19:27	.3 19.4	nd 79.	1.69 1020.0	.32 3.	1.37 142.	.02	.02	nd	-	.006
19:12-19:42	.3 19.5	nd 78.	1.71 1020.0	.35 3.	1.36 144.	.01	.02	nd	-	.008
19:27-19:57	.3 19.9	nd 76.	1.72 1020.0	.35 4.	1.36 151.	nd	.01	nd	-	.013
19:42-20:12	.3 20.5	nd 73.	1.69 1020.0	.33 5.	1.36 152.	.01	.01	nd	-	.022
19:57-20:27	.2 21.4	nd 69.	1.67 1020.0	.33 6.	1.34 145.	nd	.01	nd	-	.031
20:12-20:42	-	-	-	-	-	-	-	-	-	-
20:27-20:57	-	-	-	-	-	-	-	-	-	-



Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
20:42-21:12	- -	- -	- -	- -	- -	-	-	-	-	-
20:57-21:27	- 26.9	.004 50.	1.74 1014.0	.54 6.	1.20 273.	.04	.04	nd	-	.036
21:12-21:42	- 27.7	.002 48.	1.75 1013.9	.55 2.	1.20 265.	.04	.04	nd	-	.039
21:27-21:57	- 28.8	.002 46.	1.70 1013.7	.51 1.	1.20 287.	.04	.04	nd	-	.045
21:42-22:12	- 29.5	.003 45.	1.67 1013.2	.47 3.	1.19 223.	.04	.04	nd	-	.049
21:57-22:27	- 29.8	.003 44.	1.78 1013.1	.59 7.	1.19 200.	.04	.04	nd	-	.053
22:12-22:42	- 30.0	nd 43.	1.75 1013.0	.55 6.	1.19 181.	.04	.04	nd	-	.050
22:27-22:57	- 30.0	nd 43.	1.58 1013.0	.38 6.	1.20 160.	.04	.04	nd	-	.046
22:42-23:12	- 29.8	nd 43.	1.55 1013.0	.36 6.	1.20 160.	.04	.04	nd	-	.041
22:57-23:27	- 29.6	nd 44.	1.55 1013.0	.36 7.	1.20 162.	.04	.04	nd	-	.036
23:12-23:42	- 28.5	nd 46.	1.56 1013.0	.36 7.	1.20 165.	.05	.04	nd	-	.024
23:27-23:57	- 26.8	nd 51.	1.54 1013.0	.35 6.	1.19 179.	.04	.04	nd	-	.012
23:42-00:12	- 26.2	nd 52.	1.52 1012.8	.33 8.	1.19 187.	.04	.04	nd	-	.013
23:57-00:27	- 26.2	nd 53.	1.52 1012.5	.33 10.	1.19 184.	.04	.04	nd	-	.013
05/07/14 00:12-00:42	- 25.8	nd 55.	1.51 1012.1	.31 11.	1.20 184.	.04	.04	nd	-	.011
00:27-00:57	- 25.4	nd 59.	1.51 1012.1	.31 9.	1.20 187.	.04	.04	nd	-	.009
00:42-01:12	- 25.2	nd 60.	1.53 1012.0	.32 7.	1.21 185.	.05	.04	nd	-	.009

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
00:57-01:27	- 25.2	nd 61.	1.55 1012.0	.34 7.	1.21 188.	.05	.04	nd	-	.007
01:12-01:42	- 24.0	nd 63.	1.58 1012.0	.36 6.	1.22 187.	.05	.04	nd	-	.005
01:27-01:57	- 23.9	nd 66.	1.58 1012.0	.36 6.	1.22 181.	.05	.04	nd	-	.002
01:42-02:12	- 23.0	nd 69.	1.57 1012.1	.34 7.	1.23 189.	.06	.05	nd	-	.001
01:57-02:27	- 22.3	nd 71.	1.56 1012.6	.33 7.	1.23 195.	.05	.05	nd	-	.000
02:12-02:42	- 21.8	nd 74.	1.63 1012.9	.39 3.	1.25 195.	.05	.05	nd	-	.000
02:27-02:57	- 21.3	nd 76.	1.70 1013.0	.45 1.	1.26 180.	.05	.05	nd	-	.000
02:42-03:12	- 20.9	nd 77.	1.74 1013.0	.49 1.	1.26 174.	.05	.05	nd	-	.000
02:57-03:27	- 20.6	nd 78.	1.79 1013.0	.53 1.	1.27 172.	.06	.05	nd	-	.000
03:12-03:42	- 20.3	nd 79.	1.72 1013.0	.45 0.	1.27 170.	.05	.05	nd	-	.000
03:27-03:57	- 20.0	nd 81.	1.79 1013.3	.48 0.	1.31 175.	.06	.05	nd	-	.000
03:42-04:12	- 19.7	nd 82.	1.82 1013.8	.50 0.	1.32 203.	.06	.06	nd	-	.000
03:57-04:27	- 18.9	nd 86.	1.68 1014.0	.38 0.	1.31 201.	.06	.05	nd	-	.000
04:12-04:42	- 17.6	nd 92.	1.65 1014.0	.32 0.	1.33 256.	.06	.05	nd	-	.000
04:27-04:57	- 17.0	nd 95.	1.69 1014.0	.34 0.	1.35 317.	.06	.05	nd	-	.000
04:42-05:12	- 16.6	nd 96.	1.69 1014.0	.34 0.	1.35 314.	.06	.05	nd	-	.000
04:57-05:27	- 16.4	nd 96.	1.66 1014.0	.28 0.	1.38 79.	.06	.05	nd	-	.000

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
05:12-05:42	- 16.0	nd 96.	1.67 1014.0	.27 0.	1.40 83.	.06	.05	nd	-	.000
05:27-05:57	- 16.0	nd 96.	1.77 1014.0	.35 0.	1.42 271.	.06	.05	.01	-	.000
05:42-06:12	- 16.6	nd 95.	1.84 1014.0	.38 0.	1.46 307.	.08	.06	.02	-	.000
05:57-06:27	- 16.3	nd 97.	1.74 1014.0	.29 0.	1.45 264.	.08	.06	.02	-	.000
06:12-06:42	- 15.7	nd 99.	1.67 1014.5	.24 0.	1.43 236.	.06	.05	.01	-	.000
06:27-06:57	- 15.3	nd 99.	1.71 1014.9	.25 0.	1.47 208.	.06	.05	.01	-	.000
06:42-07:12	- 15.4	nd 98.	1.83 1014.9	.30 0.	1.53 225.	.05	.05	nd	-	.000
06:57-07:27	- 15.7	nd 96.	1.93 1015.0	.36 0.	1.58 272.	.07	.05	.02	-	.000
07:12-07:42	- 15.8	nd 95.	1.96 1015.0	.36 0.	1.60 268.	.08	.05	.02	-	.000
07:27-07:57	- 15.7	nd 95.	1.97 1015.0	.33 0.	1.64 247.	.06	.05	.01	-	.000
07:42-08:12	- 15.7	nd 95.	1.98 1015.0	.33 0.	1.66 240.	.05	.05	nd	-	.000
07:57-08:27	- 16.3	nd 94.	2.06 1015.0	.39 0.	1.68 293.	.09	.06	.04	-	.000
08:12-08:42	- 17.1	nd 93.	2.00 1015.0	.38 0.	1.63 307.	.10	.06	.04	-	.000
08:27-08:57	- 17.0	nd 95.	1.90 1015.0	.32 0.	1.58 277.	.07	.06	.01	-	.000
08:42-09:12	- 16.7	nd 96.	1.90 1015.0	.31 0.	1.59 278.	.06	.05	nd	-	.000
08:57-09:27	- 16.8	nd 95.	1.85 1015.0	.29 0.	1.57 268.	.06	.05	nd	-	.000
09:12-09:42	- 16.7	nd 96.	1.90 1015.0	.30 0.	1.60 231.	.05	.05	nd	-	.000

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
09:27-09:57	- 16.7	nd 96.	1.95 1015.0	.31 0.	1.65 225.	.05	.05	nd	-	.000
09:42-10:12	- 16.8	nd 95.	1.99 1015.0	.29 0.	1.70 79.	.05	.05	nd	-	.000
09:57-10:27	- 17.0	nd 95.	2.01 1015.0	.29 0.	1.73 70.	.05	.05	nd	-	.000
10:12-10:42	- 17.4	nd 94.	2.04 1015.0	.32 0.	1.72 300.	.06	.06	nd	-	.000
10:27-10:57	- 17.5	nd 95.	2.11 1015.0	.37 0.	1.74 284.	.08	.06	.02	-	.000
10:42-11:12	- 17.1	nd 97.	2.02 1015.0	.33 0.	1.69 280.	.07	.06	.01	-	.001
10:57-11:27	- 17.1	nd 96.	1.92 1015.0	.28 0.	1.64 32.	.06	.05	nd	-	.002
11:12-11:42	- 17.5	nd 94.	1.92 1015.0	.29 0.	1.63 296.	.05	.05	nd	-	.003
11:27-11:57	- 17.8	nd 93.	2.02 1015.0	.45 0.	1.57 289.	.07	.06	.01	-	.001
11:42-12:12	- 18.1	nd 94.	1.99 1015.1	.46 0.	1.53 281.	.07	.06	.01	-	.001
11:57-12:27	- 17.9	nd 95.	1.82 1015.5	.29 0.	1.54 232.	.06	.06	nd	-	.002
12:12-12:42	- 17.7	nd 96.	1.86 1015.9	.29 0.	1.58 290.	.06	.05	nd	-	.002
12:27-12:57	- 18.0	nd 95.	1.83 1016.0	.29 0.	1.55 305.	.05	.05	nd	-	.002
12:42-13:12	- 18.2	nd 96.	1.78 1016.0	.22 0.	1.48 193.	.04	.05	nd	-	.003
12:57-13:27	- -	- -	- -	- -	- -	-	-	-	-	-
13:12-13:42	- -	- -	- -	- -	- -	-	-	-	-	-
13:27-13:57	- -	- -	- -	- -	- -	-	-	-	-	-

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
13:42-14:12	-	-	-	-	-	-	-	-	-	-
13:57-14:27	.5 26.1	nd 51.	1.19 1014.3	nd 9.	1.16 102.	nd	nd	nd	-	.040
14:12-14:42	.6 24.9	nd 56.	1.20 1014.3	nd 10.	1.16 107.	nd	nd	nd	-	.024
14:27-14:57	.5 24.4	nd 57.	1.15 1014.2	nd 10.	1.15 98.	nd	nd	nd	-	.022
14:42-15:12	.4 23.9	nd 59.	1.15 1013.8	nd 10.	1.14 103.	nd	nd	nd	-	.018
14:57-15:27	.5 23.4	nd 61.	1.16 1013.4	nd 11.	1.15 114.	nd	nd	nd	-	.013
15:12-15:42	.4 22.9	nd 61.	1.16 1013.3	nd 9.	1.15 113.	nd	nd	nd	-	.010
15:27-15:57	.3 22.5	nd 62.	1.15 1013.3	nd 8.	1.15 96.	nd	nd	nd	-	.009
15:42-16:12	.3 22.1	nd 63.	1.16 1013.3	nd 6.	1.16 93.	.01	.01	nd	-	.006
15:57-16:27	.4 21.7	nd 65.	1.19 1013.2	nd 4.	1.16 105.	.02	.02	nd	-	.003
16:12-16:42	.5 21.2	nd 66.	1.22 1012.9	nd 5.	1.17 107.	.02	.02	nd	-	.002
16:27-16:57	.4 20.9	nd 67.	1.25 1012.9	nd 3.	1.19 107.	.01	.01	nd	-	.001
16:42-17:12	.5 20.4	nd 71.	1.30 1013.1	nd 2.	1.22 128.	.02	.02	nd	-	.000
16:57-17:27	.5 19.2	nd 82.	1.36 1013.0	.12 2.	1.22 128.	.03	.02	.01	-	.000
17:12-17:42	.4 18.2	nd 91.	1.29 1013.2	.10 1.	1.20 294.	.02	.02	nd	-	.000
17:27-17:57	.6 17.9	nd 92.	1.39 1012.9	.17 1.	1.23 291.	.02	.02	.01	-	.000
17:42-18:12	.8 17.8	nd 94.	1.46 1012.5	.21 0.	1.25 257.	.04	.02	.01	-	.000

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
17:57-18:27	.6 17.4	nd 96.	1.28 1012.3	nd 0.	1.22 244.	.03	.02	nd	-	.000
18:12-18:42	.6 17.2	nd 95.	1.28 1012.3	nd 0.	1.23 258.	.03	.02	.01	-	.000
18:27-18:57	.7 17.2	nd 95.	1.39 1012.3	.13 0.	1.26 288.	.05	.03	.02	-	.000
18:42-19:12	.6 17.2	nd 95.	1.38 1012.4	.12 0.	1.26 254.	.04	.02	.02	-	.000
18:57-19:27	.5 17.1	nd 96.	1.34 1012.9	nd 0.	1.26 275.	.03	.02	nd	-	.000
19:12-19:42	.4 17.0	nd 96.	1.35 1013.3	nd 1.	1.28 294.	.02	.02	nd	-	.000
19:27-19:57	.5 17.1	nd 97.	1.48 1013.4	.15 1.	1.33 298.	.03	.02	.01	-	.000
19:42-20:12	.8 17.3	.002 97.	1.81 1013.6	.42 0.	1.38 351.	.06	.03	.03	-	.000
19:57-20:27	.7 17.3	.003 97.	1.79 1013.9	.42 0.	1.37 175.	.05	.03	.02	-	.000
20:12-20:42	.4 17.3	nd 96.	1.49 1013.8	.15 0.	1.34 146.	.02	.02	nd	-	.000
20:27-20:57	.3 17.2	nd 95.	1.36 1013.9	nd 0.	1.32 119.	nd	.02	nd	-	.000
20:42-21:12	.3 16.8	nd 93.	1.42 1013.9	nd 0.	1.37 59.	nd	.02	nd	-	.000
20:57-21:27	.3 16.3	nd 100.	1.44 1013.5	nd 0.	1.38 92.	.01	.02	nd	-	.000
21:12-21:42	.3 16.0	nd 100.	1.40 1013.4	nd 0.	1.35 190.	.01	.02	nd	-	.000
21:27-21:57	.3 15.8	nd 100.	1.43 1013.3	nd 0.	1.36 184.	nd	.02	nd	-	.000
21:42-22:12	.3 15.7	nd 100.	1.44 1013.3	.10 0.	1.35 278.	.02	.02	.01	-	.000
21:57-22:27	.3 15.3	nd 100.	1.52 1013.3	.15 0.	1.38 203.	.03	.02	.01	-	.000

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
22:12-22:42	.2 14.8	nd 100.	1.58 1013.4	.16 0.	1.42 140.	.01	.01	nd	-	.000
22:27-22:57	.2 14.8	nd 100.	1.53 1013.5	.12 0.	1.40 121.	nd	.02	nd	-	.000
22:42-23:12	.3 15.3	.002 100.	1.51 1013.7	.12 0.	1.38 89.	.02	.02	nd	-	.000
22:57-23:27	.3 15.2	nd 100.	1.59 1014.0	.15 0.	1.44 135.	.01	.02	nd	-	.000
23:12-23:42	.3 15.1	nd 100.	1.57 1014.2	nd 0.	1.47 127.	.01	.01	nd	-	.000
23:27-23:57	.2 15.3	nd 99.	1.48 1014.3	nd 0.	1.42 80.	.02	.02	nd	-	.000
23:42-00:12	.2 15.1	nd 99.	1.44 1014.3	nd 0.	1.39 79.	.02	.02	nd	-	.000
23:57-00:27	.2 14.7	nd 100.	1.42 1014.3	nd 2.	1.39 298.	.02	.02	nd	-	.000
00:12-00:42	.1 14.4	nd 100.	1.42 1014.3	nd 2.	1.42 297.	.02	.02	nd	-	.000
00:27-00:57	nd 14.3	nd 100.	1.38 1014.3	nd 0.	1.39 284.	.02	.02	nd	-	.000
00:42-01:12	nd 14.3	nd 100.	1.31 1014.6	nd 2.	1.36 308.	.02	.02	nd	-	.000
00:57-01:27	nd 14.4	nd 100.	1.29 1015.1	nd 3.	1.36 305.	.02	.02	nd	-	.000
01:12-01:42	nd 14.8	nd 99.	1.26 1015.3	nd 10.	1.35 292.	.01	.02	nd	-	.000
01:27-01:57	nd 15.1	nd 98.	1.21 1015.3	nd 17.	1.33 292.	nd	.02	nd	-	.000
01:42-02:12	nd 15.3	nd 98.	1.19 1015.5	nd 13.	1.32 294.	nd	.01	nd	-	.000
01:57-02:27	nd 15.2	nd 99.	1.20 1015.9	nd 4.	1.32 294.	nd	nd	nd	-	.000
02:12-02:42	nd 15.1	nd 98.	1.24 1016.2	nd 3.	1.33 259.	nd	.01	nd	-	.000

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
02:27-02:57	nd 15.3	nd 97.	1.26 1016.3	nd 5.	1.34 258.	nd	.02	nd	-	.000
02:42-03:12	nd 15.4	.003 96.	1.28 1016.4	nd 6.	1.35 266.	nd	.02	nd	-	.001
02:57-03:27	nd 15.2	.005 96.	1.26 1016.8	nd 12.	1.34 277.	nd	.01	nd	-	.002
03:12-03:42	nd 15.0	.004 96.	1.22 1017.3	nd 16.	1.33 282.	nd	.01	nd	-	.003
03:27-03:57	nd 14.9	nd 98.	1.23 1017.3	nd 13.	1.33 283.	nd	.01	nd	-	.005
03:42-04:12	nd 15.3	.002 96.	1.26 1017.5	nd 12.	1.35 275.	nd	.01	nd	-	.009
03:57-04:27	nd 15.8	.004 93.	1.26 1017.9	nd 14.	1.35 278.	nd	.01	nd	-	.013
04:12-04:42	nd 16.1	.002 91.	1.24 1018.2	nd 16.	1.34 282.	nd	.01	nd	-	.017
04:27-04:57	nd 16.3	nd 90.	1.21 1018.3	nd 19.	1.33 279.	nd	.01	nd	-	.021
04:42-05:12	nd 16.5	nd 89.	1.21 1018.3	nd 21.	1.32 278.	nd	.01	nd	-	.024
04:57-05:27	nd 16.5	nd 89.	1.21 1018.3	nd 23.	1.32 278.	nd	.01	nd	-	.023
05:12-05:42	nd 16.7	nd 88.	1.21 1018.4	nd 22.	1.32 278.	nd	.01	nd	-	.024
05:27-05:57	nd 16.9	nd 86.	1.22 1018.8	nd 21.	1.32 278.	nd	.01	nd	-	.025
05:42-06:12	-	-	-	-	-	-	-	-	-	-
05:57-06:27	-	-	-	-	-	-	-	-	-	-
06:12-06:42	-	-	-	-	-	-	-	-	-	-
06:27-06:57	.4 25.6	nd 51.	1.33 1016.7	.19 22.	1.03 276.	.01	nd	nd	-	.023



Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
06:42-07:12	.4 24.6	.002 55.	1.40 1016.6	.26 17.	1.02 275.	nd	nd	nd	-	.014
06:57-07:27	.6 23.9	.005 57.	1.44 1016.6	.30 12.	1.04 269.	nd	nd	nd	-	.010
07:12-07:42	.6 24.0	.004 56.	1.40 1016.6	.25 10.	1.04 262.	.01	nd	nd	-	.011
07:27-07:57	.5 23.8	nd 56.	1.37 1016.5	.23 11.	1.03 250.	.02	nd	nd	-	.007
07:42-08:12	.4 23.4	nd 57.	1.43 1016.1	.24 12.	1.07 255.	.02	nd	nd	-	.005
07:57-08:27	.4 22.8	nd 59.	1.54 1015.8	.28 12.	1.14 250.	.02	nd	nd	-	.002
08:12-08:42	.6 22.0	nd 62.	1.65 1015.7	.35 11.	1.18 260.	.02	.01	nd	-	.000
08:27-08:57	.8 21.6	.006 63.	1.81 1015.7	.52 11.	1.17 252.	.03	.02	nd	-	.000
08:42-09:12	.7 21.6	.013 63.	1.83 1015.9	.62 13.	1.12 245.	.04	.02	.01	-	.000
08:57-09:27	.5 21.5	.009 63.	1.66 1016.3	.43 17.	1.12 246.	.02	.01	nd	-	.000
09:12-09:42	.5 21.3	.006 64.	1.68 1016.5	.44 13.	1.13 247.	.03	.02	nd	-	.000
09:27-09:57	.5 20.9	.006 66.	1.61 1016.6	.39 10.	1.10 287.	.03	.02	nd	-	.000
09:42-10:12	.3 19.8	.002 71.	1.34 1016.6	.12 10.	1.07 319.	nd	nd	nd	-	.000
09:57-10:27	.3 18.7	nd 76.	1.28 1016.6	.10 4.	1.05 336.	nd	nd	nd	-	.000
10:12-10:42	.3 18.1	nd 79.	1.30 1016.6	.12 1.	1.05 339.	nd	nd	nd	-	.000
10:27-10:57	.3 17.6	nd 82.	1.34 1016.6	.16 0.	1.06 144.	nd	nd	nd	-	.000
10:42-11:12	.3 17.4	nd 84.	1.35 1016.6	.17 0.	1.06 120.	nd	nd	nd	-	.000

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
10:57-11:27	.3 17.2	nd 85.	1.34 1016.6	.15 0.	1.07 111.	nd	nd	nd	-	.000
11:12-11:42	.3 16.9	nd 86.	1.36 1016.6	.16 0.	1.08 121.	.02	.01	nd	-	.000
11:27-11:57	.3 16.8	nd 87.	1.40 1016.6	.18 0.	1.09 130.	.02	.01	nd	-	.000
11:42-12:12	.3 16.8	nd 88.	1.41 1016.7	.17 0.	1.11 97.	.02	.01	nd	-	.000
11:57-12:27	.3 16.7	nd 88.	1.37 1017.1	.12 0.	1.11 85.	.01	nd	nd	-	.000
12:12-12:42	.3 16.8	nd 87.	1.35 1017.5	nd 1.	1.11 280.	.01	nd	nd	-	.000
12:27-12:57	.3 16.8	nd 86.	1.33 1017.7	nd 5.	1.11 291.	nd	nd	nd	-	.000
12:42-13:12	.3 16.6	nd 86.	1.30 1018.2	nd 10.	1.10 301.	nd	nd	nd	-	.000
12:57-13:27	.3 16.7	nd 85.	1.30 1018.7	nd 10.	1.10 295.	nd	nd	nd	-	.000
13:12-13:42	.3 17.1	nd 84.	1.33 1019.2	nd 10.	1.11 275.	.01	nd	nd	-	.000
13:27-13:57	.3 17.1	.003 83.	1.34 1019.6	nd 11.	1.12 273.	.01	nd	nd	-	.000
13:42-14:12	.2 16.8	.003 85.	1.31 1019.6	nd 13.	1.11 279.	nd	nd	nd	-	.000
13:57-14:27	.2 16.5	nd 87.	1.30 1019.6	nd 12.	1.11 286.	nd	nd	nd	-	.000
14:12-14:42	.2 16.2	nd 89.	1.31 1019.6	nd 6.	1.11 297.	nd	nd	nd	-	.000
14:27-14:57	.2 15.9	nd 90.	1.33 1019.7	nd 2.	1.12 318.	nd	nd	nd	-	.000
14:42-15:12	.2 15.7	nd 91.	1.34 1020.1	nd 3.	1.13 305.	nd	nd	nd	-	.000
14:57-15:27	.2 15.5	nd 92.	1.34 1020.5	nd 4.	1.13 303.	nd	nd	nd	-	.000

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
15:12-15:42	.2 15.2	nd 94.	1.35 1020.6	nd 3.	1.13 306.	nd	nd	nd	-	.000
15:27-15:57	.2 14.8	nd 97.	1.34 1020.6	nd 7.	1.13 314.	nd	nd	nd	-	.000
15:42-16:12	.2 14.3	nd -	1.31 1020.6	nd 10.	1.13 320.	nd	nd	nd	-	.000
15:57-16:27	.2 13.5	nd -	1.30 1020.6	nd 5.	1.13 325.	nd	nd	nd	-	.000
16:12-16:42	.2 12.8	nd -	1.29 1020.6	nd 1.	1.12 319.	nd	nd	nd	-	.000
16:27-16:57	.2 12.4	nd -	1.27 1020.6	nd 0.	1.11 122.	nd	nd	nd	-	.000
16:42-17:12	.2 12.1	nd -	1.28 1020.7	nd 0.	1.11 309.	nd	nd	nd	-	.000
16:57-17:27	.2 12.0	nd -	1.29 1021.1	nd 0.	1.12 317.	nd	nd	nd	-	.000
17:12-17:42	.2 12.5	nd -	1.31 1021.6	nd 0.	1.12 102.	nd	.01	nd	-	.002
17:27-17:57	.2 13.2	nd -	1.35 1021.6	nd 0.	1.13 120.	nd	nd	nd	-	.004
17:42-18:12	.2 13.8	nd -	1.40 1021.6	.11 0.	1.15 310.	nd	.01	nd	-	.007
17:57-18:27	.2 14.3	nd -	1.36 1021.6	nd 1.	1.14 297.	nd	.01	nd	-	.010
18:12-18:42	.2 14.4	nd -	1.29 1021.9	nd 3.	1.12 291.	nd	nd	nd	-	.014
18:27-18:57	.2 14.5	nd -	1.27 1022.3	nd 6.	1.12 289.	nd	nd	nd	-	.017
18:42-19:12	.2 15.2	nd -	1.27 1022.6	nd 9.	1.11 294.	nd	nd	nd	-	.021
18:57-19:27	.2 15.7	nd -	1.26 1022.6	nd 12.	1.10 297.	nd	nd	nd	-	.025
19:12-19:42	.2 16.1	nd -	1.26 1022.6	nd 13.	1.10 299.	nd	nd	nd	-	.029

Time	CD Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
19:27-19:57	.2 16.4	nd -	1.28 1022.6	nd 14.	1.10 304.	nd	nd	nd	-	.033
19:42-20:12	- -	- -	- -	- -	- -	-	-	-	-	-
19:57-20:27	- -	- -	- -	- -	- -	-	-	-	-	-
20:12-20:42	- -	- -	- -	- -	- -	-	-	-	-	-
20:27-20:57	- -	- -	- -	- -	- -	-	-	-	-	-
20:42-21:12	- -	- -	- -	- -	- -	-	-	-	-	-
20:57-21:27	- -	- -	- -	- -	- -	-	-	-	-	-
21:12-21:42	- -	- -	- -	- -	- -	-	-	-	-	-
21:27-21:57	- -	- -	- -	- -	- -	-	-	-	-	-
21:42-22:12	- -	- -	- -	- -	- -	-	-	-	-	-
21:57-22:27	- 21.3	nd -	1.19 1016.2	nd 20.	1.03 291.	nd	nd	nd	-	.032
22:12-22:42	- 21.5	nd -	1.18 1015.9	nd 19.	1.02 286.	nd	nd	nd	-	.046
22:27-22:57	- 22.4	nd -	1.17 1015.5	nd 18.	1.01 292.	nd	nd	nd	-	.059
22:42-23:12	- 22.8	nd -	1.16 1015.2	nd 18.	1.00 294.	nd	nd	nd	-	.055
22:57-23:27	- 22.6	nd -	1.17 1015.2	nd 20.	1.01 286.	nd	nd	nd	-	.049
23:12-23:42	- 22.0	nd -	1.18 1015.2	nd 23.	1.01 276.	nd	.01	nd	-	.042
23:27-23:57	- 21.7	nd -	1.18 1015.1	nd 24.	1.01 269.	nd	.01	nd	-	.035

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
23:42-00:12	- 21.4	nd -	1.20 1014.7	nd 24.	1.01 267.	nd	.01	nd	-	.028
23:57-00:27	- 21.3	nd -	1.21 1014.4	nd 24.	1.01 267.	.01	.01	nd	-	.026
00:07/16 00:12-00:42	- 21.1	nd -	1.20 1014.2	nd 23.	1.02 267.	.01	.01	nd	-	.024
00:27-00:57	- 20.7	nd -	1.21 1014.2	nd 20.	1.02 264.	.01	.01	nd	-	.018
00:42-01:12	- 20.6	nd -	1.22 1014.1	nd 17.	1.02 265.	.01	.01	nd	-	.016
00:57-01:27	- 20.3	nd -	1.23 1013.6	nd 14.	1.03 266.	.01	.01	nd	-	.013
01:12-01:42	- 20.0	nd -	1.24 1013.2	nd 14.	1.03 267.	.01	.01	nd	-	.011
01:27-01:57	- 19.9	nd -	1.27 1013.2	nd 13.	1.04 265.	.01	.02	nd	-	.010
01:42-02:12	- 19.8	nd -	1.29 1013.2	.11 11.	1.05 264.	.02	.02	nd	-	.009
01:57-02:27	- 19.5	nd -	1.28 1013.2	.10 11.	1.05 268.	.02	.02	nd	-	.006
02:12-02:42	- 18.9	nd -	1.29 1013.2	nd 11.	1.06 267.	.01	.01	nd	-	.003
02:27-02:57	- 18.4	nd -	1.42 1013.2	.15 12.	1.13 263.	.01	.01	nd	-	.001
02:42-03:12	- 17.9	nd -	1.61 1013.2	.23 14.	1.24 263.	.01	.01	nd	-	.000
02:57-03:27	- 17.5	.002 -	1.68 1013.2	.25 14.	1.28 264.	.01	.01	nd	-	.000
03:12-03:42	- 17.1	nd -	1.70 1013.2	.25 15.	1.30 262.	.01	.01	nd	-	.000
03:27-03:57	- 16.7	nd -	1.68 1013.2	.23 15.	1.30 256.	.02	.01	nd	-	.000
03:42-04:12	- 16.2	nd -	1.59 1013.2	.20 15.	1.25 254.	.02	.02	nd	-	.000

Time	CO Temp	TRB Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
03:57-04:27	- 16.0	nd -	1.52 1013.2	.17 14.	1.21 255.	.02	.02	nd	-	.000
04:12-04:42	- 15.4	nd -	1.48 1013.2	.15 9.	1.19 264.	.02	.02	nd	-	.000
04:27-04:57	- 13.7	.006 -	1.46 1013.2	.13 3.	1.18 288.	nd	.01	nd	-	.000
04:42-05:12	- 12.2	.009 -	1.41 1013.2	nd 0.	1.17 303.	nd	.01	nd	-	.000
04:57-05:27	- 11.4	.004 -	1.39 1013.2	nd 0.	1.16 150.	.01	.01	nd	-	.000
05:12-05:42	- 10.9	nd -	1.38 1013.2	.10 0.	1.14 145.	.02	.02	nd	-	.000
05:27-05:57	- 10.5	nd -	1.31 1013.2	nd 0.	1.12 144.	.02	.02	nd	-	.000
05:42-06:12	- 9.9	nd -	1.39 1013.2	.11 0.	1.15 158.	.02	.02	nd	-	.000
05:57-06:27	- 9.2	nd -	1.55 1013.2	.19 0.	1.22 162.	.03	.02	nd	-	.000
06:12-06:42	- 8.8	.004 -	1.67 1013.3	.23 0.	1.30 159.	.02	.02	nd	-	.000
06:27-06:57	- 8.5	.006 -	1.64 1013.4	.17 0.	1.31 135.	.02	.02	nd	-	.000
06:42-07:12	- 8.4	.003 -	1.53 1013.8	nd 0.	1.26 145.	.03	.03	nd	-	.000
06:57-07:27	- 8.4	nd -	1.50 1014.1	nd 0.	1.25 149.	.03	.03	nd	-	.000
07:12-07:42	- 8.7	nd -	1.48 1014.2	nd 0.	1.24 160.	.03	.03	nd	-	.000
07:27-07:57	- 9.2	nd -	1.47 1014.2	nd 0.	1.23 201.	.02	.03	nd	-	.000
07:42-08:12	- 10.0	nd -	1.45 1014.2	nd 3.	1.21 278.	.02	.02	nd	-	.000
07:57-08:27	- 11.2	nd -	1.40 1014.2	nd 7.	1.21 276.	.02	.02	nd	-	.000

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
08:12-08:42	- 12.5	nd -	1.36 1014.2	nd 11.	1.20 271.	nd	.01	nd	-	.000
08:27-08:57	- 13.3	nd -	1.34 1014.2	nd 13.	1.19 264.	nd	.01	nd	-	.000
08:42-09:12	- 13.2	nd -	1.34 1014.2	nd 13.	1.19 262.	nd	.01	nd	-	.000
08:57-09:27	- 13.2	nd -	1.35 1014.2	nd 13.	1.19 261.	.01	.02	nd	-	.000
09:12-09:42	- 13.3	nd -	1.49 1014.2	nd 15.	1.26 257.	.02	.02	nd	-	.000
09:27-09:57	- 13.4	.004 -	1.60 1014.2	.11 16.	1.33 258.	.02	.02	nd	-	.000
09:42-10:12	- 13.2	.011 -	1.76 1014.2	.21 15.	1.39 260.	.01	.01	nd	-	.000
09:57-10:27	- 13.0	.009 -	1.82 1014.2	.23 15.	1.43 267.	nd	nd	nd	-	.000
10:12-10:42	- 13.2	.007 -	1.82 1014.1	.30 14.	1.36 268.	.01	nd	nd	-	.000
10:27-10:57	- 13.4	.012 -	1.82 1014.0	.42 12.	1.27 256.	.02	.02	nd	-	.000
10:42-11:12	- 13.5	.016 -	1.69 1014.0	.34 14.	1.23 261.	.02	.02	nd	-	.000
10:57-11:27	- 13.2	.012 -	1.48 1014.1	.17 17.	1.21 285.	nd	nd	nd	-	.000
11:12-11:42	- 12.2	nd -	1.30 1014.2	nd 20.	1.18 306.	nd	nd	nd	-	.000
11:27-11:57	- 11.3	nd -	1.29 1014.4	nd 25.	1.17 311.	nd	nd	nd	-	.000
11:42-12:12	- 10.7	nd -	1.29 1014.9	nd 27.	1.18 312.	nd	nd	nd	-	.000
11:57-12:27	- 10.3	nd -	1.29 1015.2	nd 26.	1.19 317.	nd	nd	nd	-	.000
12:12-12:42	- 10.3	nd -	1.28 1015.2	nd 22.	1.18 321.	nd	nd	nd	-	.002

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
12:27-12:57	- 10.2	nd -	1.28 1015.5	nd 20.	1.18 317.	nd	nd	nd	-	.006
12:42-13:12	- 10.5	nd -	1.29 1015.9	nd 30.	1.18 312.	nd	nd	nd	-	.012
12:57-13:27	- 11.0	nd -	1.28 1016.2	nd 38.	1.17 308.	nd	nd	nd	-	.020
13:12-13:42	- 11.2	nd -	1.27 1016.2	nd 38.	1.17 305.	nd	nd	nd	-	.023
13:27-13:57	- 11.2	nd -	1.27 1016.3	nd 43.	1.17 305.	nd	.01	nd	-	.024
13:42-14:12	- 11.5	nd -	1.26 1016.8	nd 46.	1.16 309.	nd	nd	nd	-	.030
13:57-14:27	- -	- -	- -	- -	- -	-	-	-	-	-
14:12-14:42	- -	- -	- -	- -	- -	-	-	-	-	-
14:27-14:57	- -	- -	- -	- -	- -	-	-	-	-	-
14:42-15:12	- -	- -	- -	- -	- -	-	-	-	-	-
14:57-15:27	- 10.1	nd -	- 1014.7	- 32.	- 323.	nd	nd	nd	-	.067
15:12-15:42	- 10.8	nd -	- 1014.4	- 32.	- 316.	nd	nd	nd	-	.073
15:27-15:57	- 10.7	nd -	- 1014.1	- 36.	- 312.	nd	nd	nd	-	.063
15:42-16:12	- 10.4	nd -	- 1014.1	- 36.	- 316.	nd	nd	nd	-	.057
15:57-16:27	- 10.6	nd -	- 1014.1	- 34.	- 323.	nd	nd	nd	-	.060
16:12-16:42	- 10.6	nd -	- 1014.1	- 35.	- 318.	nd	nd	nd	-	.051
16:27-16:57	- 10.2	nd -	- 1014.1	- 32.	- 315.	nd	nd	nd	-	.033



Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
16:42-17:12	- 18.4	nd -	- 1014.1	- 31.	- 319.	nd	nd	nd	-	.041
16:57-17:27	- 18.6	nd -	- 1014.1	- 35.	- 313.	nd	nd	nd	-	.044
17:12-17:42	- 18.8	nd -	- 1014.1	- 35.	- 312.	nd	nd	nd	-	.048
17:27-17:57	- 19.2	nd -	- 1014.1	- 34.	- 312.	nd	nd	nd	-	.055
17:42-18:12	- 18.6	nd -	- 1014.1	- 32.	- 309.	nd	nd	nd	-	.034
17:57-18:27	- 17.8	nd -	- 1014.1	- 27.	- 313.	nd	nd	nd	-	.020
18:12-18:42	- 17.5	nd -	- 1014.1	- 26.	- 315.	nd	.01	nd	-	.019
18:27-18:57	- 17.5	nd -	- 1014.1	- 25.	- 313.	nd	.01	nd	-	.018
18:42-19:12	- 17.6	nd -	- 1014.1	- 24.	- 313.	nd	nd	nd	-	.017
18:57-19:27	- 17.4	nd -	- 1014.1	- 22.	- 317.	nd	nd	nd	-	.015
19:12-19:42	- 17.9	nd -	- 1014.1	- 20.	- 323.	nd	.01	nd	-	.020
19:27-19:57	- 18.4	nd -	- 1014.1	- 21.	- 326.	nd	nd	nd	-	.022
19:42-20:12	- 18.1	nd -	- 1014.1	- 21.	- 322.	nd	nd	nd	-	.018
19:57-20:27	- 17.5	nd -	- 1014.1	- 19.	- 320.	nd	.01	nd	-	.011
20:12-20:42	- 16.3	nd -	- 1014.1	- 14.	- 322.	nd	.01	nd	-	.006
20:27-20:57	- 16.1	nd -	- 1014.1	- 9.	- 326.	nd	.01	nd	-	.006
20:42-21:12	- 15.8	nd -	- 1014.1	- 7.	- 327.	nd	.01	nd	-	.004

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
20:57-21:27	- 14.8	nd -	- 1014.1	- 6.	- 330.	nd	.01	nd	-	.001
21:12-21:42	- 13.9	nd -	- 1014.2	- 3.	- 337.	nd	.01	nd	-	.000
21:27-21:57	- 13.2	nd -	- 1014.4	- 0.	- 351.	nd	.01	nd	-	.000
21:42-22:12	- 12.5	nd -	- 1014.8	- 0.	- 188.	.02	.02	nd	-	.000
21:57-22:27	- 11.6	nd -	- 1015.1	- 0.	- 204.	.03	.02	nd	-	.000
22:12-22:42	- 10.8	nd -	- 1015.1	- 0.	- 98.	.03	.02	nd	-	.000
22:27-22:57	- 10.1	nd -	- 1015.1	- 0.	- 10.	.02	.02	nd	-	.000
22:42-23:12	- 9.5	nd -	- 1015.1	- 0.	- 319.	.03	.02	nd	-	.000
22:57-23:27	- 9.1	nd -	- 1015.1	- 0.	- 148.	.03	.02	nd	-	.000
23:12-23:42	- 8.7	nd -	- 1015.1	- 0.	- 135.	.03	.02	nd	-	.000
23:27-23:57	- 8.5	.004 -	- 1015.1	- 0.	- 133.	.03	.02	.01	-	.000
23:42-00:12	- 8.3	.005 -	- 1015.3	- 0.	- 148.	.02	.02	nd	-	.000
23:57-00:27	- 7.7	.006 -	- 1015.7	- 0.	- 192.	.03	.02	.01	-	.000
00:07-00:17	-									
00:12-00:42	- 7.2	.008 -	- 1016.0	- 0.	- 199.	.03	.02	.01	-	.000
00:27-00:57	- 6.9	.007 -	- 1016.1	- 0.	- 170.	.02	.01	nd	-	.000
00:42-01:12	- 6.8	.006 -	- 1016.1	- 0.	- 281.	.02	.02	nd	-	.000
00:57-01:27	- 7.0	.004 -	- 1016.1	- 1.	- 296.	.03	.02	.02	-	.000

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
01:12-01:42	- 6.9	nd -	- 1016.1	- 0.	- 299.	.04	.02	.01	-	.000
01:27-01:57	- 6.7	nd -	- 1016.1	- 0.	- 129.	.03	.02	nd	-	.000
01:42-02:12	- 6.6	nd -	- 1016.1	- 0.	- 141.	.02	.02	nd	-	.000
01:57-02:27	- 6.6	nd -	- 1016.1	- 0.	- 158.	.02	.02	nd	-	.000
02:12-02:42	- 6.9	nd -	- 1016.1	- 0.	- 158.	.02	.02	nd	-	.000
02:27-02:57	- 7.1	nd -	- 1016.1	- 0.	- 149.	.01	.02	nd	-	.000
02:42-03:12	- 7.4	nd -	- 1016.2	- 0.	- 129.	.01	.02	nd	-	.000
02:57-03:27	- 7.5	nd -	- 1016.6	- 0.	- 105.	.02	.02	nd	-	.000
03:12-03:42	- 7.6	nd -	- 1017.0	- 1.	- 283.	.02	.02	nd	-	.000
03:27-03:57	- 7.3	nd -	- 1017.1	- 1.	- 282.	.02	.02	nd	-	.000
03:42-04:12	- 6.3	nd -	- 1017.1	- 0.	- 159.	.02	.02	nd	-	.000
03:57-04:27	- 5.9	nd -	- 1017.1	- 0.	- 181.	.01	.02	nd	-	.000
04:12-04:42	- 5.6	nd -	- 1017.1	- 0.	- 193.	.02	.02	nd	-	.000
04:27-04:57	- 5.3	nd -	- 1017.1	- 0.	- 197.	.02	.02	nd	-	.000
04:42-05:12	- 5.0	nd -	- 1017.1	- 0.	- 193.	.01	.02	nd	-	.000
04:57-05:27	- 4.7	nd -	- 1017.2	- 0.	- 207.	.01	.01	nd	-	.000
05:12-05:42	- 4.4	nd -	- 1017.7	- 0.	- 231.	.01	.02	nd	-	.000

Time	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
05:27-05:57	- 4.2	nd -	- 1018.1	- 0.	- 235.	.01	.01	nd	-	.000
05:42-06:12	- 4.3	nd -	- 1018.1	- 0.	- 238.	.02	.01	nd	-	.001
05:57-06:27	- 5.1	nd -	- 1018.1	- 0.	- 239.	.03	.01	.02	-	.003
06:12-06:42	- 6.4	nd -	- 1018.1	- 0.	- 210.	.02	.01	.01	-	.005
06:27-06:57	- 7.7	nd -	- 1018.4	- 0.	- 163.	.02	.01	nd	-	.006
06:42-07:12	- 8.6	nd -	- 1018.9	- 0.	- 150.	.03	.01	.01	-	.008
06:57-07:27	- 9.4	nd -	- 1019.1	- 0.	- 159.	.02	.01	.01	-	.010
07:12-07:42	- 10.7	nd -	- 1019.1	- 0.	- 147.	.02	.01	nd	-	.015
07:27-07:57	- 12.2	nd -	- 1019.1	- 0.	- 137.	.02	.01	nd	-	.021
07:42-08:12	- 13.7	nd -	- 1019.1	- 0.	- 137.	.02	.01	nd	-	.025
07:57-08:27	- 15.1	nd -	- 1019.1	- 0.	- 105.	.02	.01	nd	-	.029
08:12-08:42	- 15.1	nd -	- 1019.1	- 1.	- 26.	.01	.01	nd	-	.034
08:27-08:57	- 14.9	nd -	- 1019.1	- 2.	- 24.	nd	.01	nd	-	.036

Statistics	CO Temp	TRS Humidity	THC Barom	Non-CH4 Wind-Spd	Methane Wind-Dir	NOx	NO2	NO	Ozone	SolarRad
Units	ppm d C	ppm %-rel	ppm mbar-msl	ppm km/h	ppm deg	ppm	ppm	ppm	ppm	W/cm^2
Arith. Mean	.34 17.2	.0019 76.9	1.509 1012.8	.244 -	1.261 -	.014	.012	.007	.006	.0104
Std. Dev.	.36 5.9	.0032 18.7	.232 4.9	.158 -	.160 -	.016	.012	.007	.005	.0174
Geo. Mean	.27 -	.0013 -	1.493 -	.192 -	1.250 -	.009	.009	.006	.005	-
Geo.Std.Dev	2.07 -	1.9440 -	1.169 -	2.109 -	1.152 -	2.294	2.047	1.556	2.222	-
Min Reading	.05 4.1	.0010 20.8	.050 1001.9	.050 .0	.050 .1	.005	.005	.005	.002	.0000
Max Reading	12.05 42.2	.0507 100.0	5.356 1022.6	1.431 53.5	1.952 359.7	.138	.071	.119	.033	.0883
Min Average	.05 4.2	.0010 34.2	1.151 1002.0	.050 .0	.915 .2	.005	.005	.005	.002	.0000
Max Average	2.64 33.8	.0332 100.0	2.341 1022.6	.842 45.9	1.796 358.8	.105	.064	.062	.030	.0735
# Valid Rds	1762. 2966.	2757. 1794.	2551. 2966.	2355. 2966.	2355. 2966.	2966.	2966.	2966.	1002.	2756.
Min.Det.Lev	.10 -	.0020 -	.100 950.0	.100 -	.100 -	.010	.010	.010	.004	-
1/2hr Std	5.20 -	.0270 -	- -	- -	- -	.270	-	-	.100	-

- Invalid Data / Not Calculated
- nd Average is less than Min. Detectable Level
- m One or more readings Missing
- \* Average is above Provincial Std/Criteria

Percent Valid Data Required for Valid Average: 90.0 %  
Averaging Started at Nearest: .0 min

TD  
883 /  
06  
A44  
1986